



FIG. 1

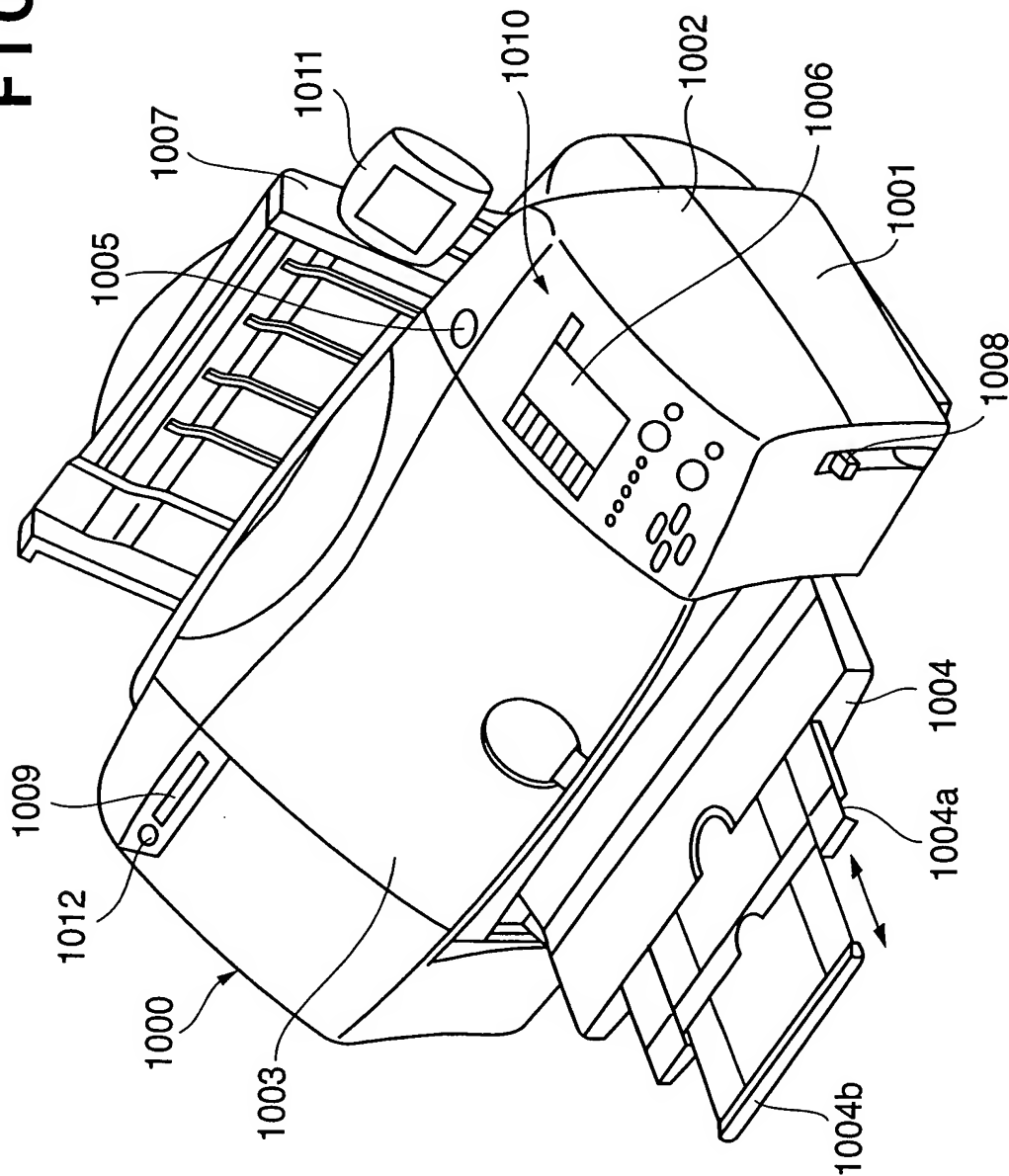
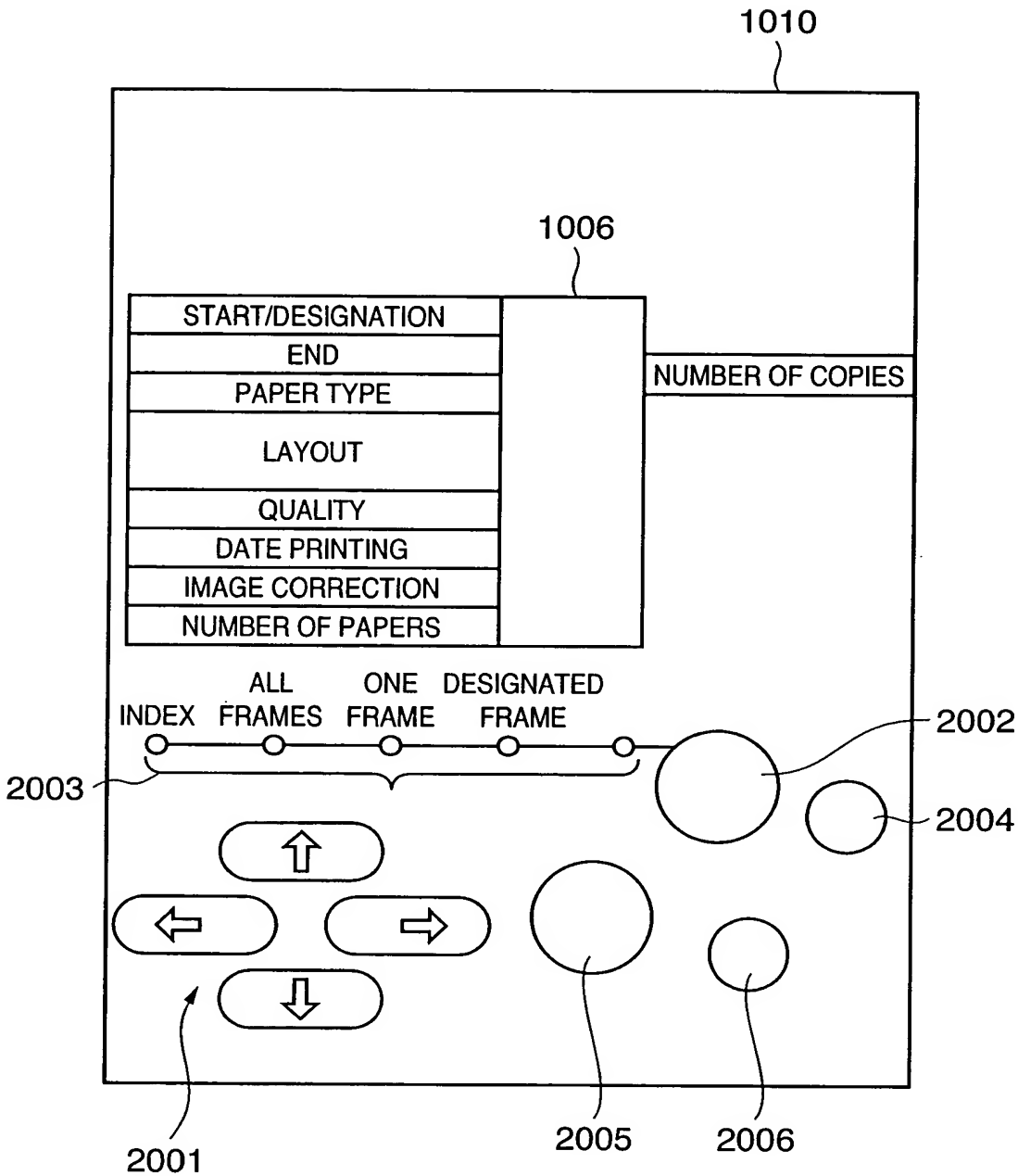




FIG. 2





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FIG. 3

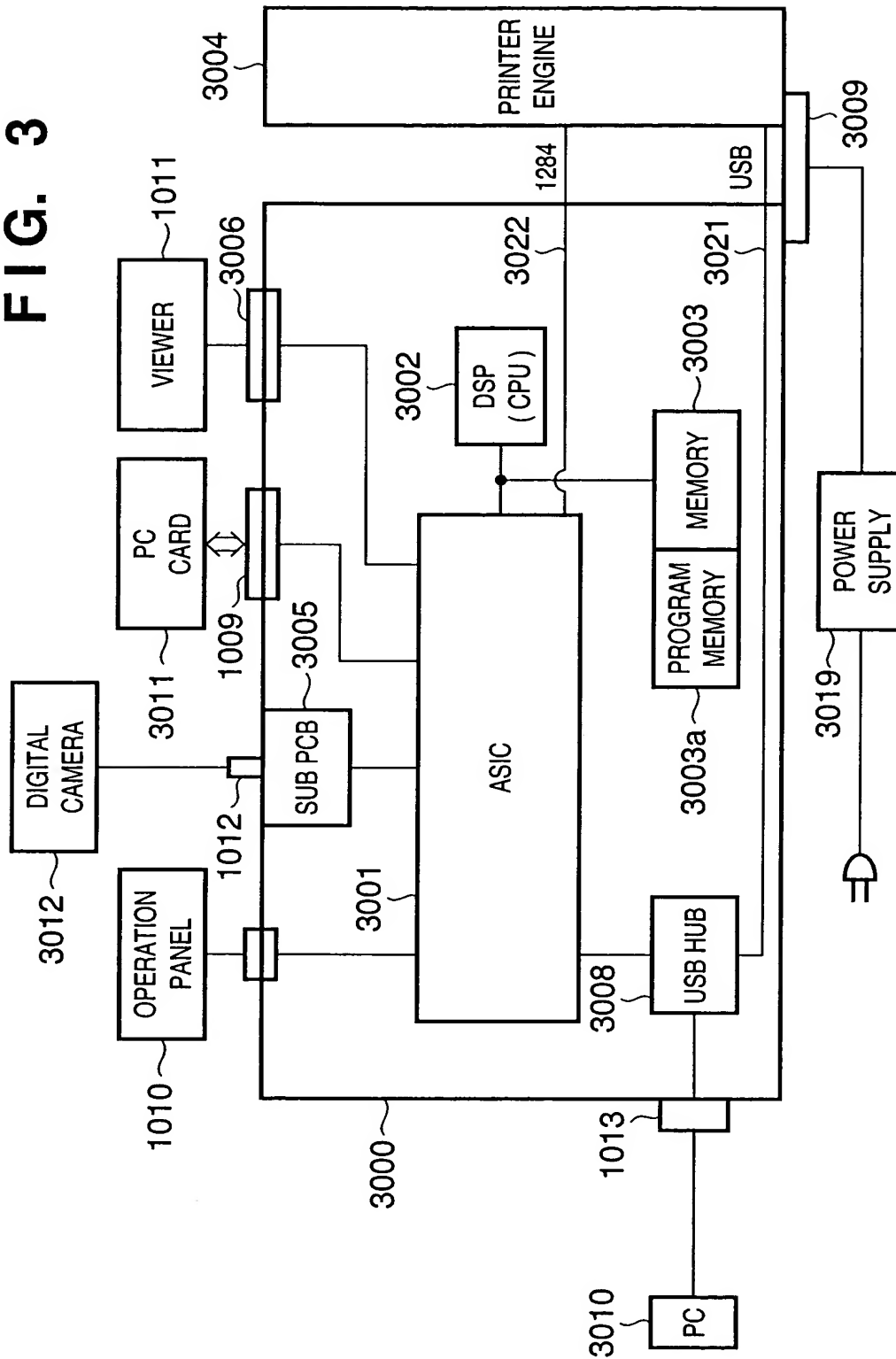




FIG. 4

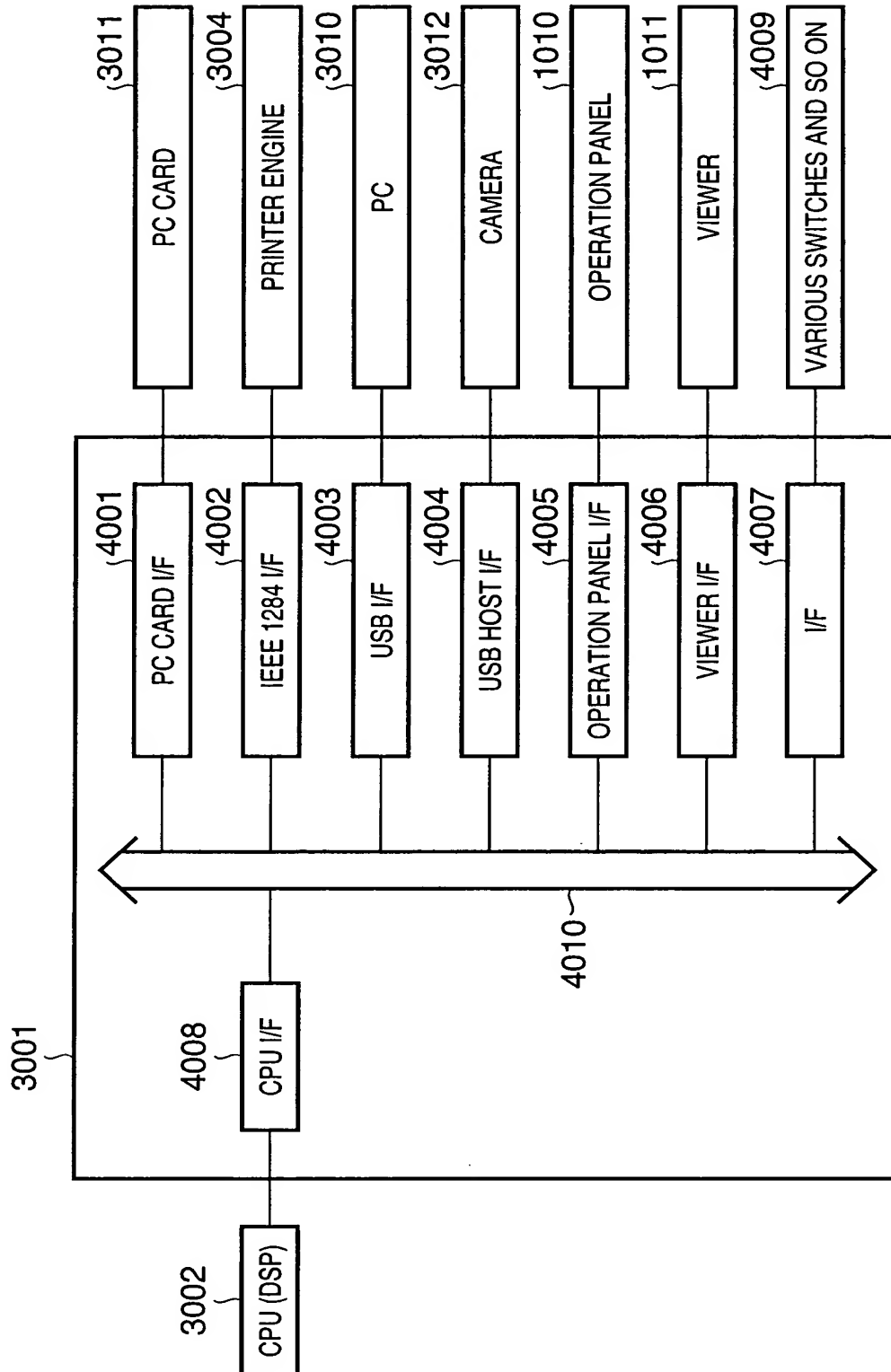
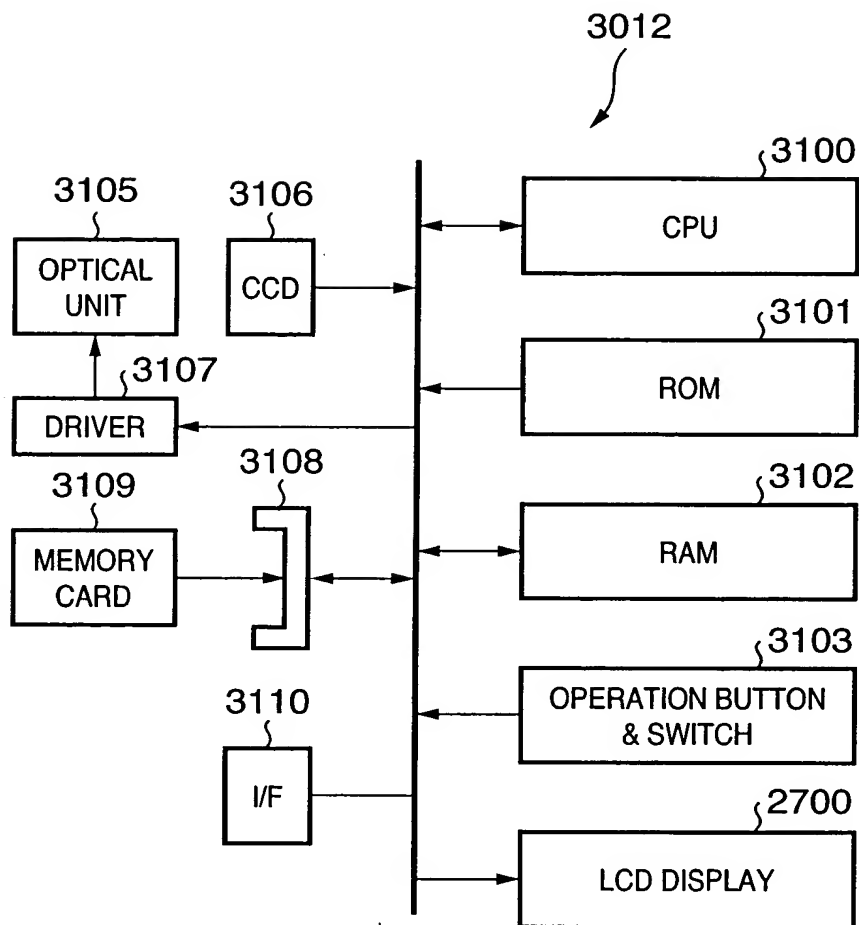




FIG. 5



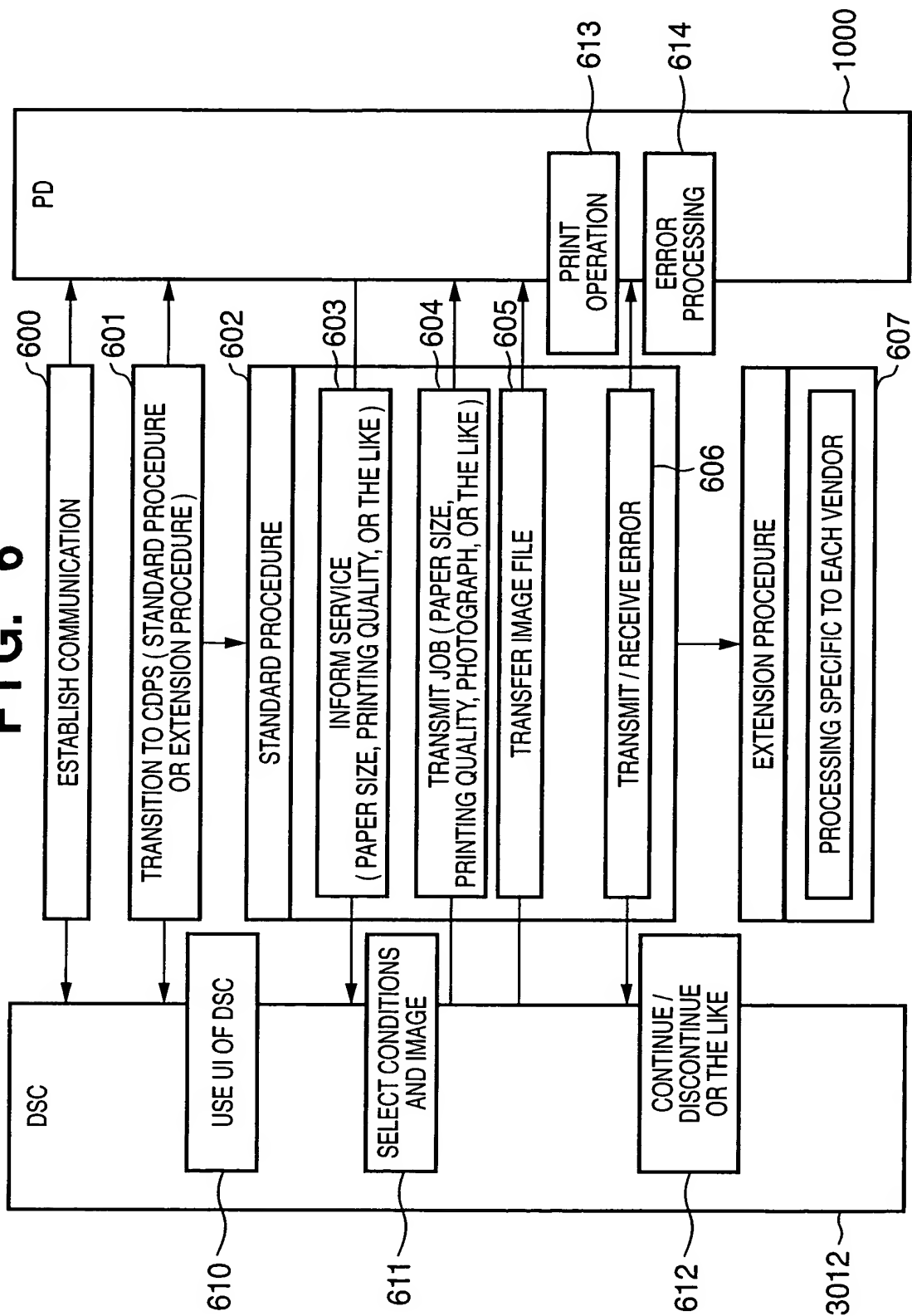
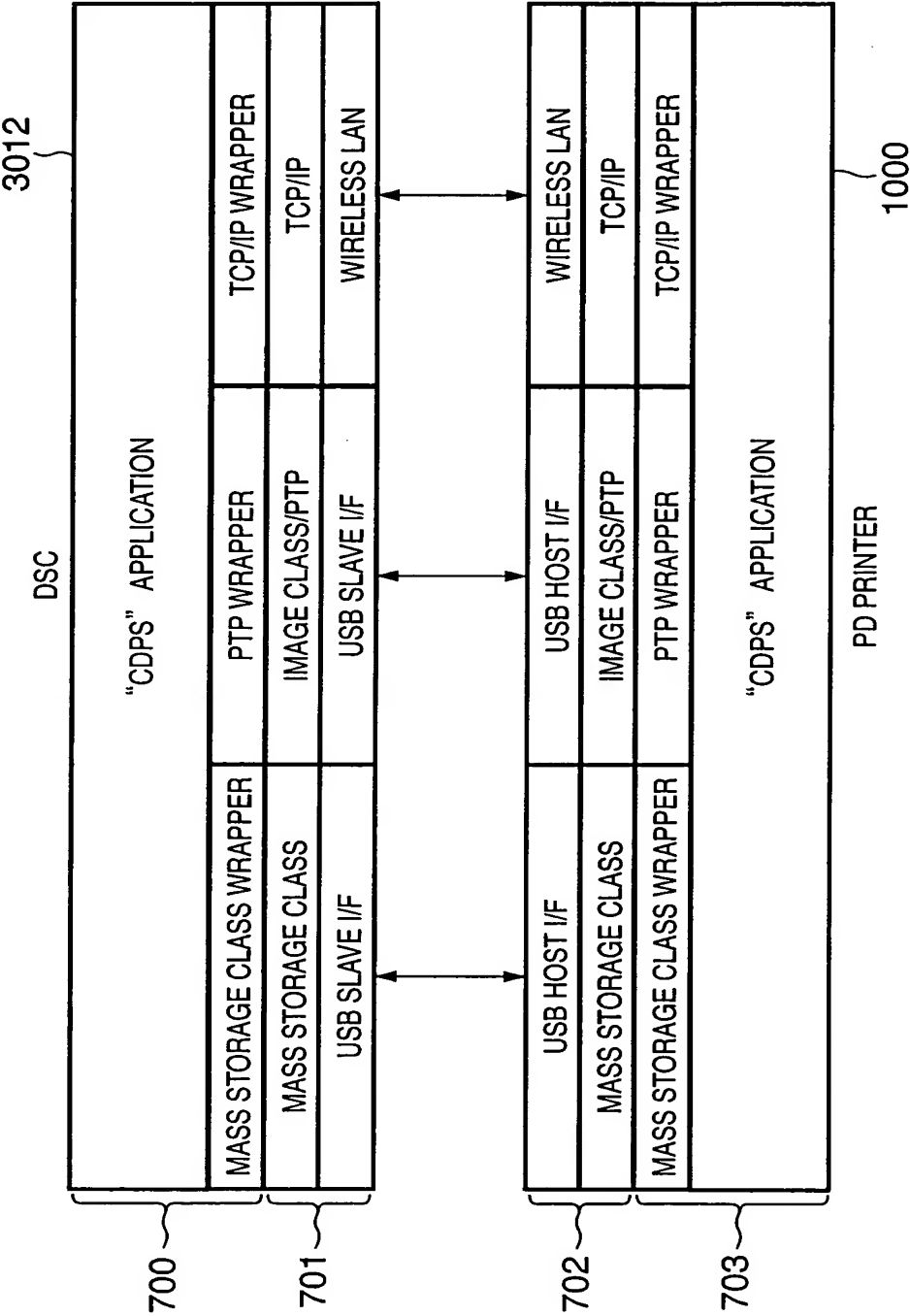




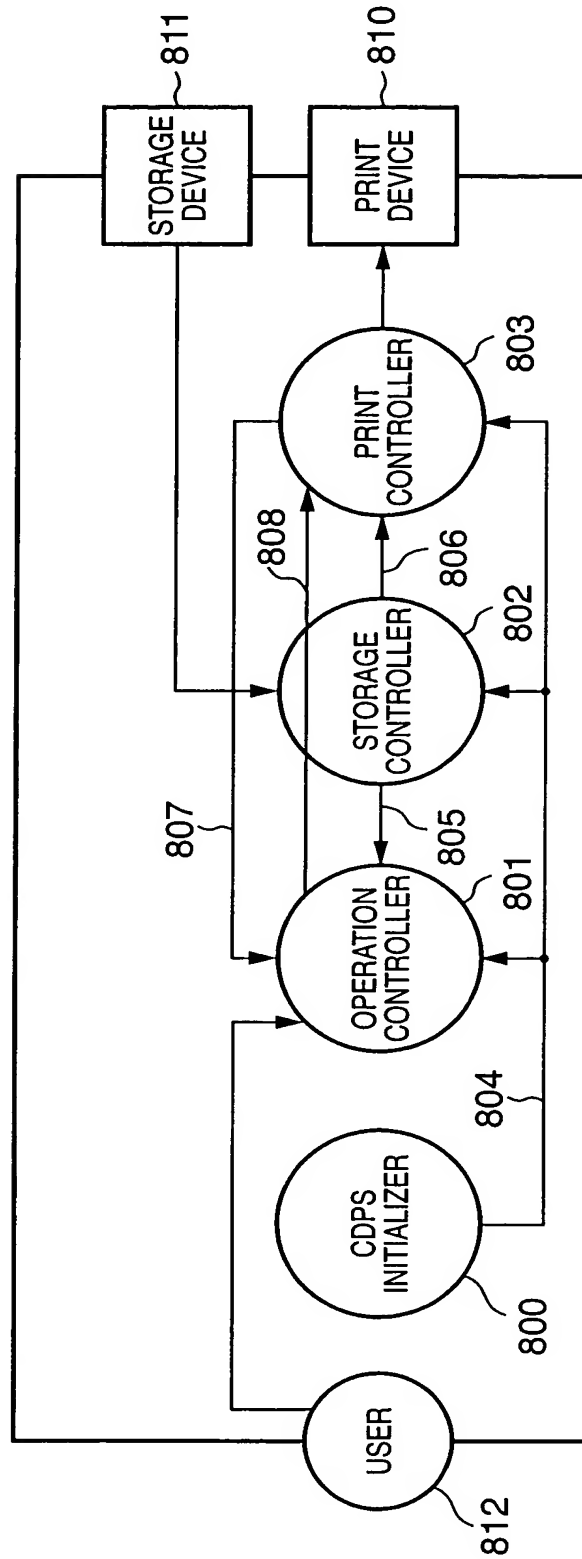
FIG. 7





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FIG. 8





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FIG. 9

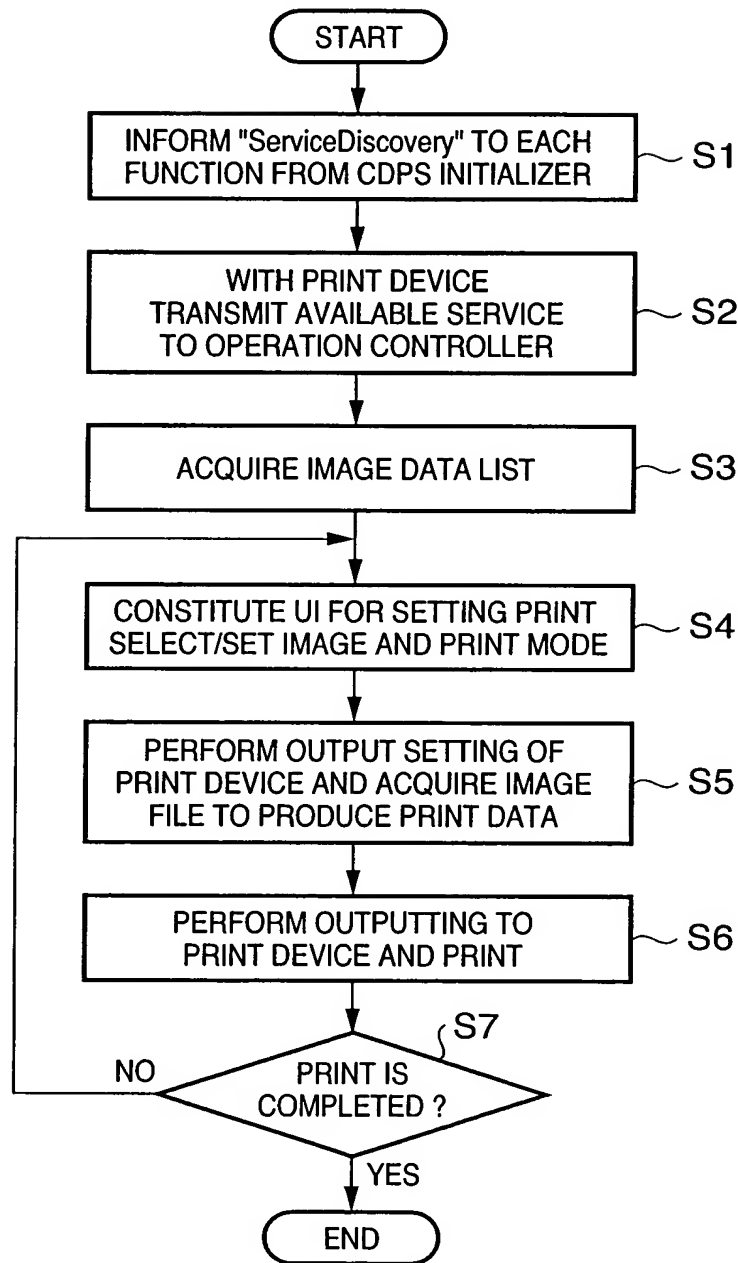
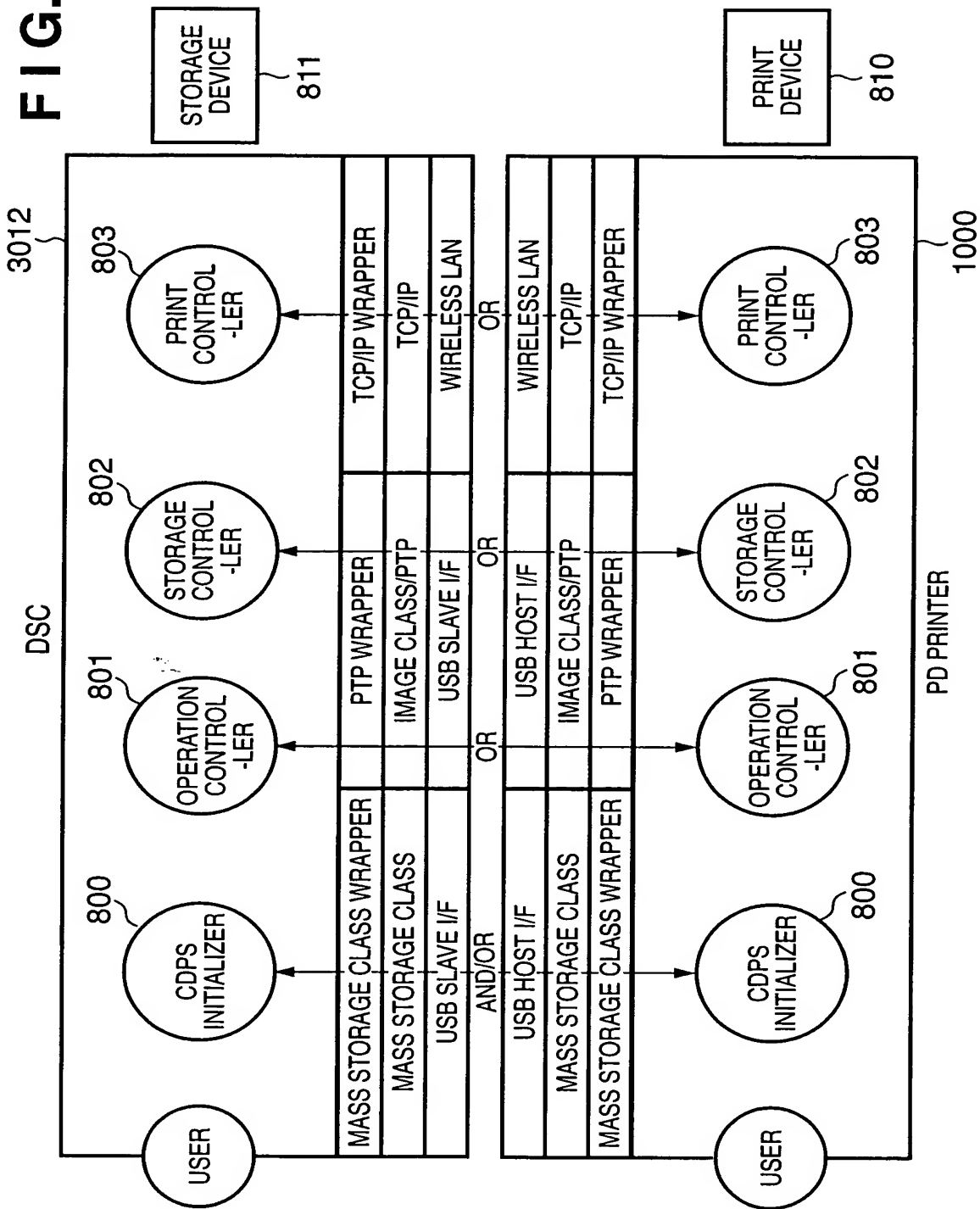


FIG. 10





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FIG. 11

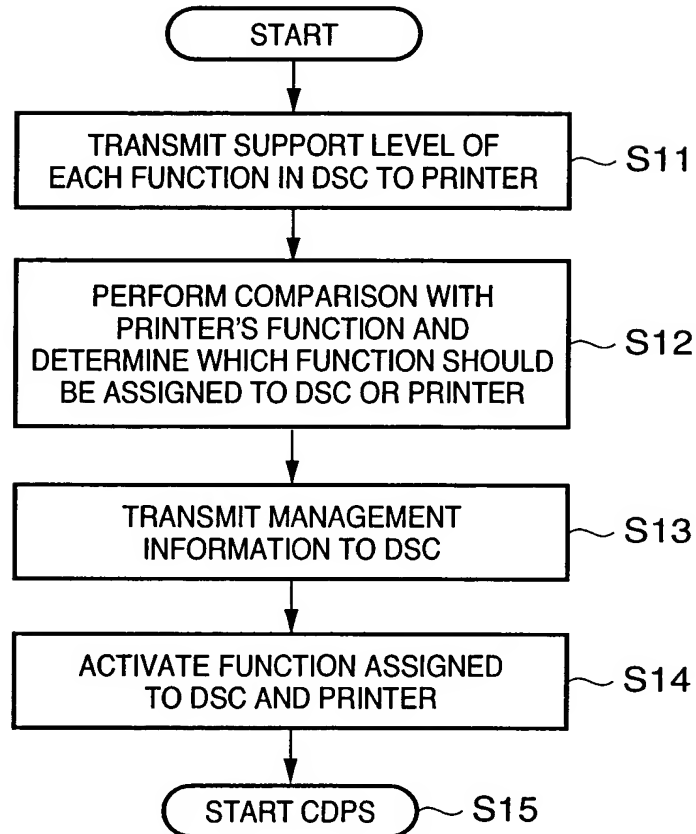




FIG. 12

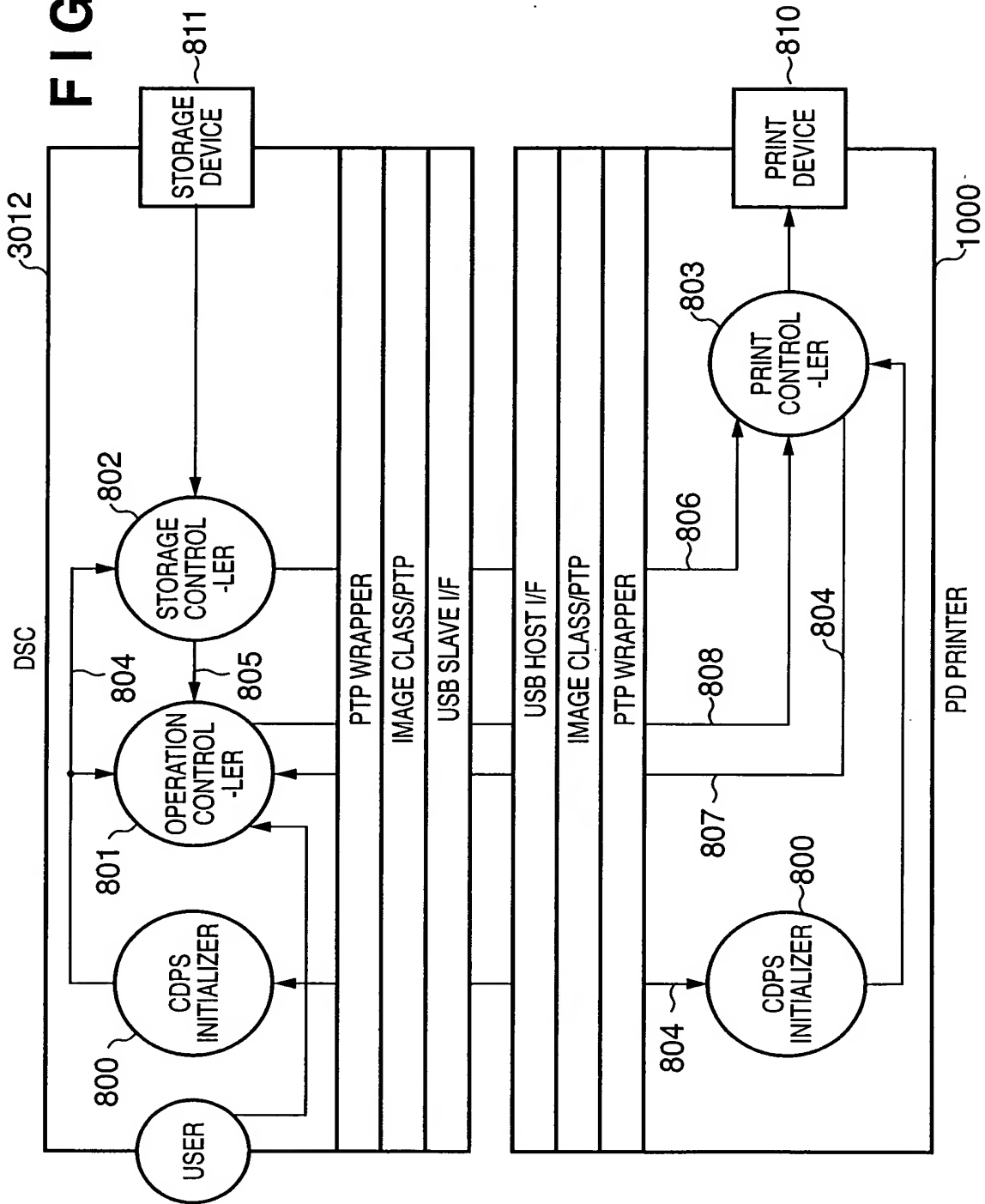




FIG. 13

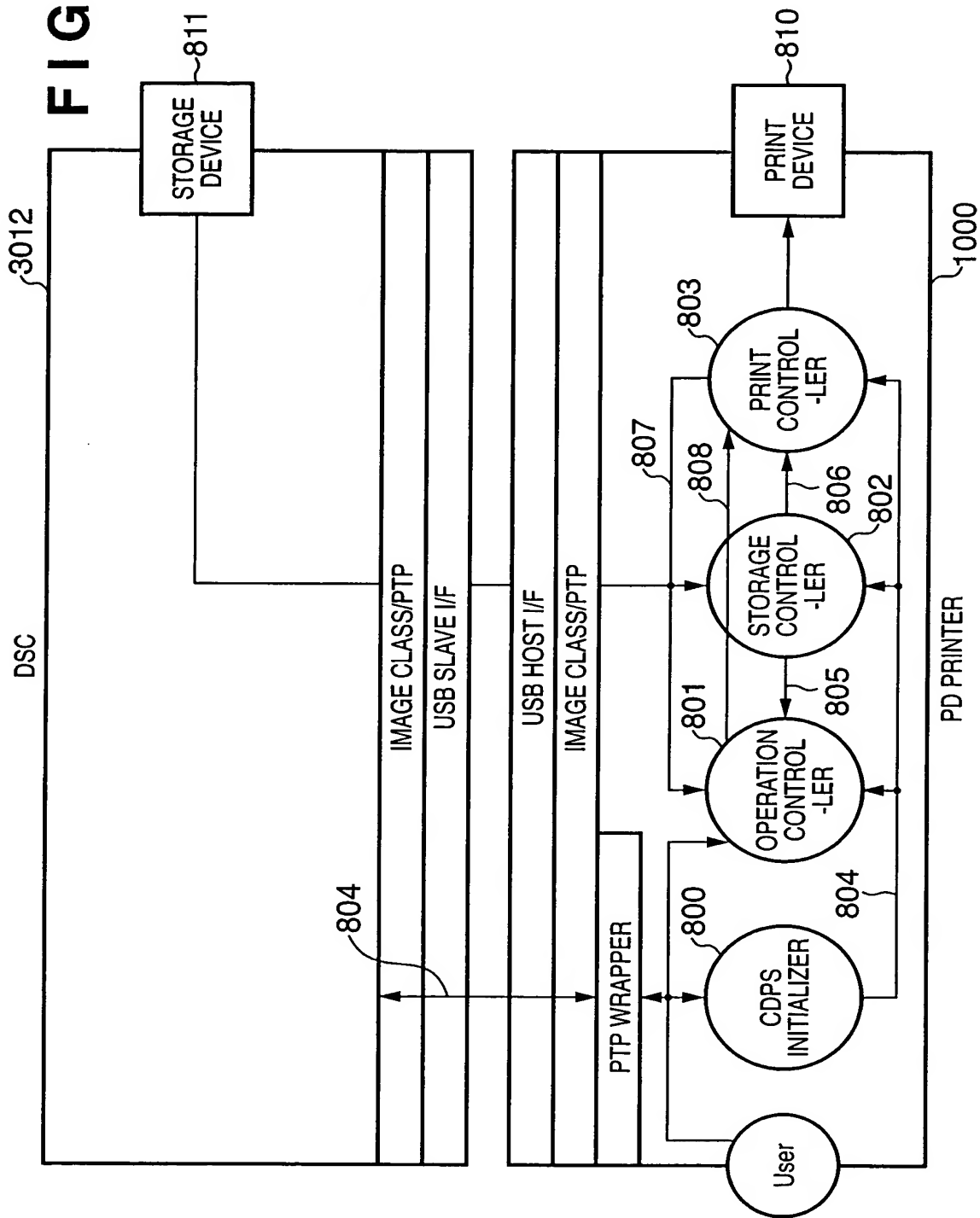




FIG. 14

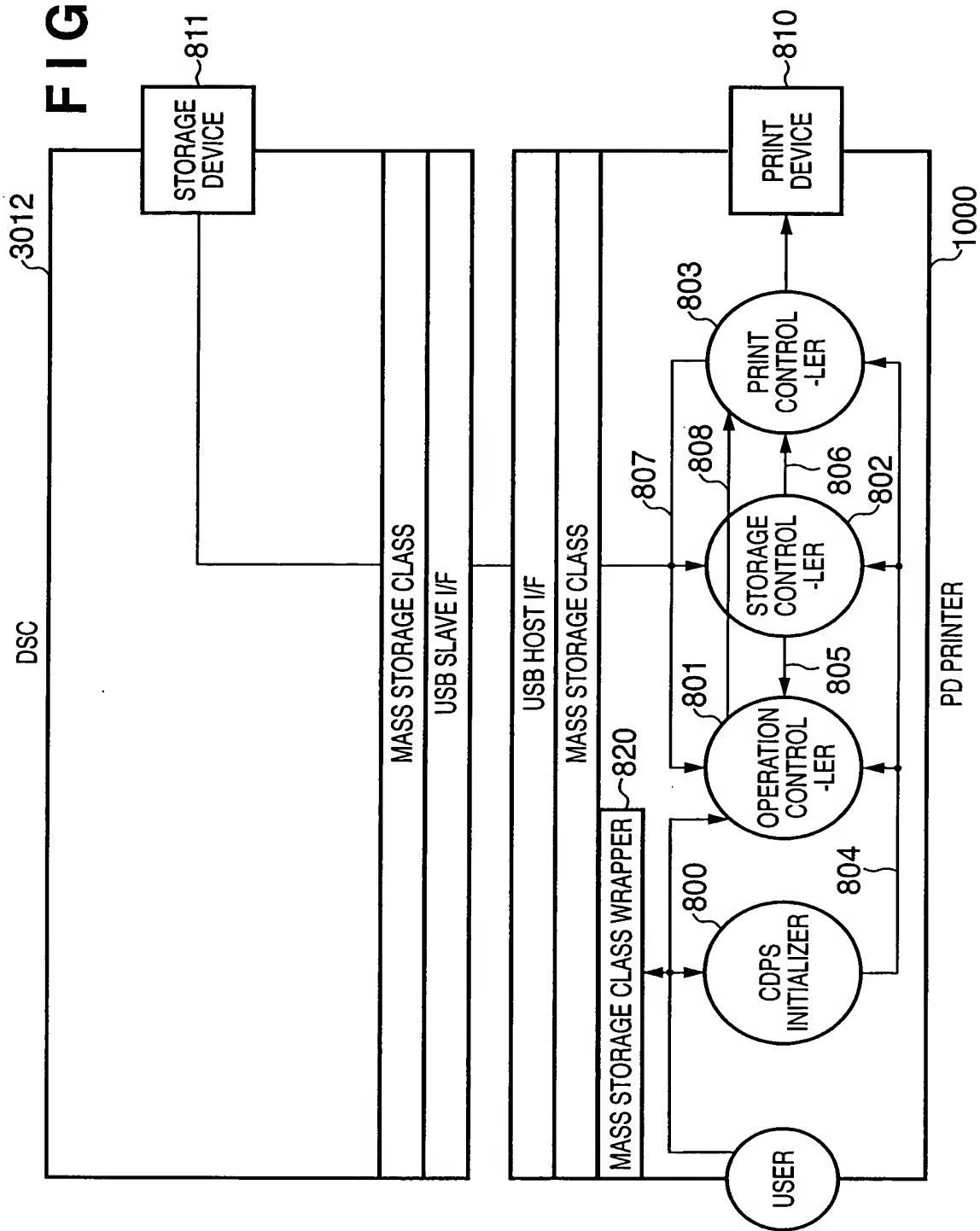


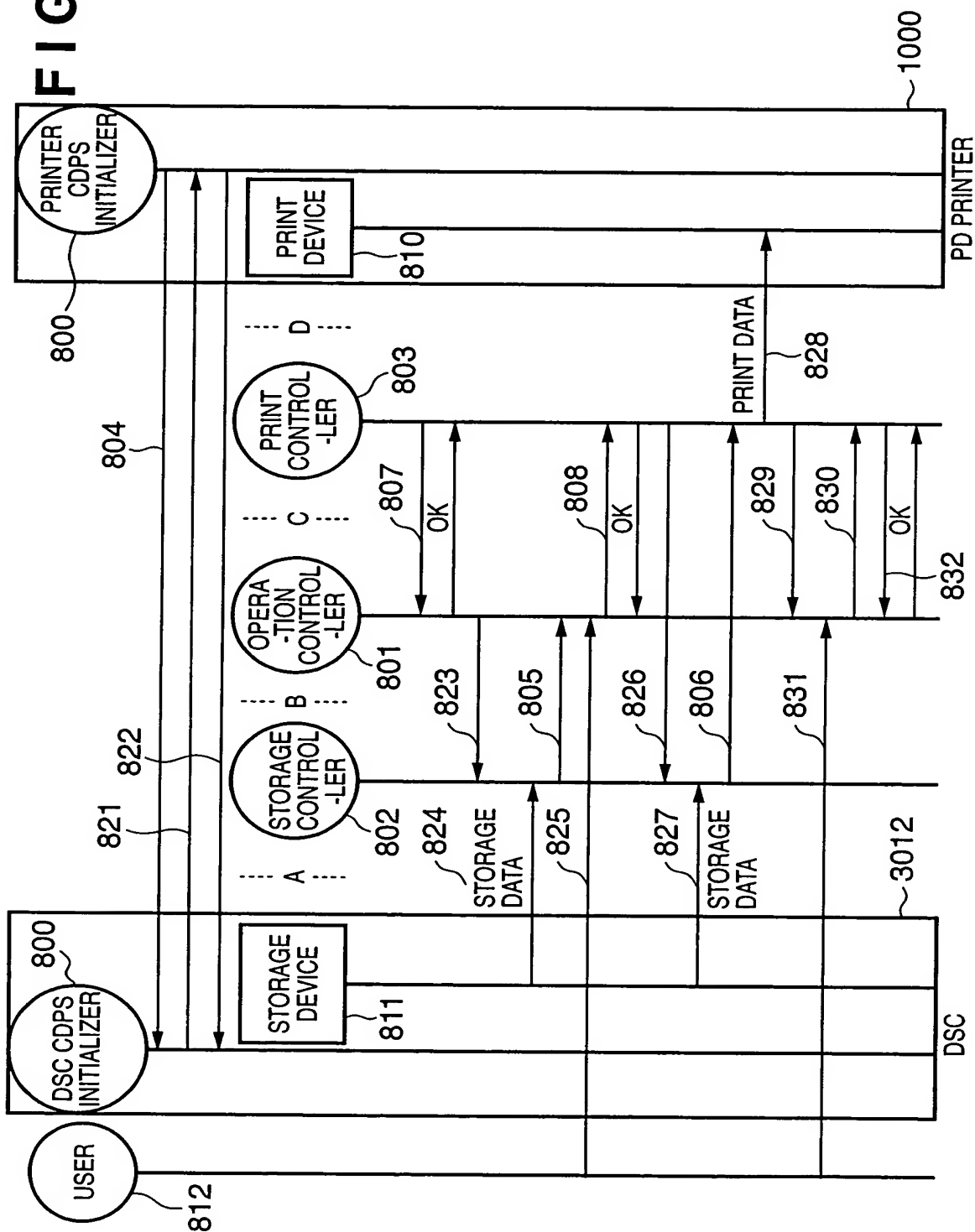


FIG. 15A

ESSENTIAL FUNCTIONS			
ISSUE		FUNCTION NAME	FUNCTION
ORIGIN	DESTINATION		
INITIALIZE	INITIALIZE	CDPS_ServiceDiscovery	TRANSITION TO CDPS
PRINT CONTROLLER	OPERATION CONTROLLER	CDPS_Service	NOTIFICATION OF PRINTER'S FUNCTIONS
PRINT CONTROLLER	OPERATION CONTROLLER	CDPS_PageStart	NOTIFICATION OF PRINT START (EVERY TIME ONE PAGE IS FED)
PRINT CONTROLLER	OPERATION CONTROLLER	CDPS_PageEnd	NOTIFICATION OF PRINT END (EVERY TIME ONPAGE IS DISCHARGED)
PRINT CONTROLLER	OPERATION CONTROLLER	CDPS_JobEnd	NOTIFICATION OF THE COMPLETION OF A PRINT JOB
PRINT CONTROLLER	OPERATION CONTROLLER	CDPS_Error	NOTIFICATION OF ERROR (WARNING/FATAL)
PRINT CONTROLLER	STORAGE	CDPS_JobData	ACQUIRE AN IMAGE OF JPEG OR THE LIKE FROM STORAGE
OPERATION CONTROLLER	STORAGE	CDPS_DataList	ACQUIRE AN INFORMATION LIST OF JPEG OR THE LIKE FROM STORAGE
OPERATION CONTROLLER	PRINT CONTROLLER	CDPS_Job	PRINT COMMAND
OPERATION CONTROLLER	PRINT CONTROLLER	CDPS_JobAbort	PRINT STOP COMMAND
OPERATION CONTROLLER	PRINT CONTROLLER	CDPS_JobContinue	PRINT RESUME COMMAND

FIG. 15B

OPTIONAL FUNCTION		
ISSUE		FUNCTION
ORIGIN	DESTINATION	
PRINT CONTROLLER	STORAGE	CDPS_PartialJobData
		ACQUIRE A PART OF AN IMAGE OF JPEG OR THE LIKE FROM STORAGE





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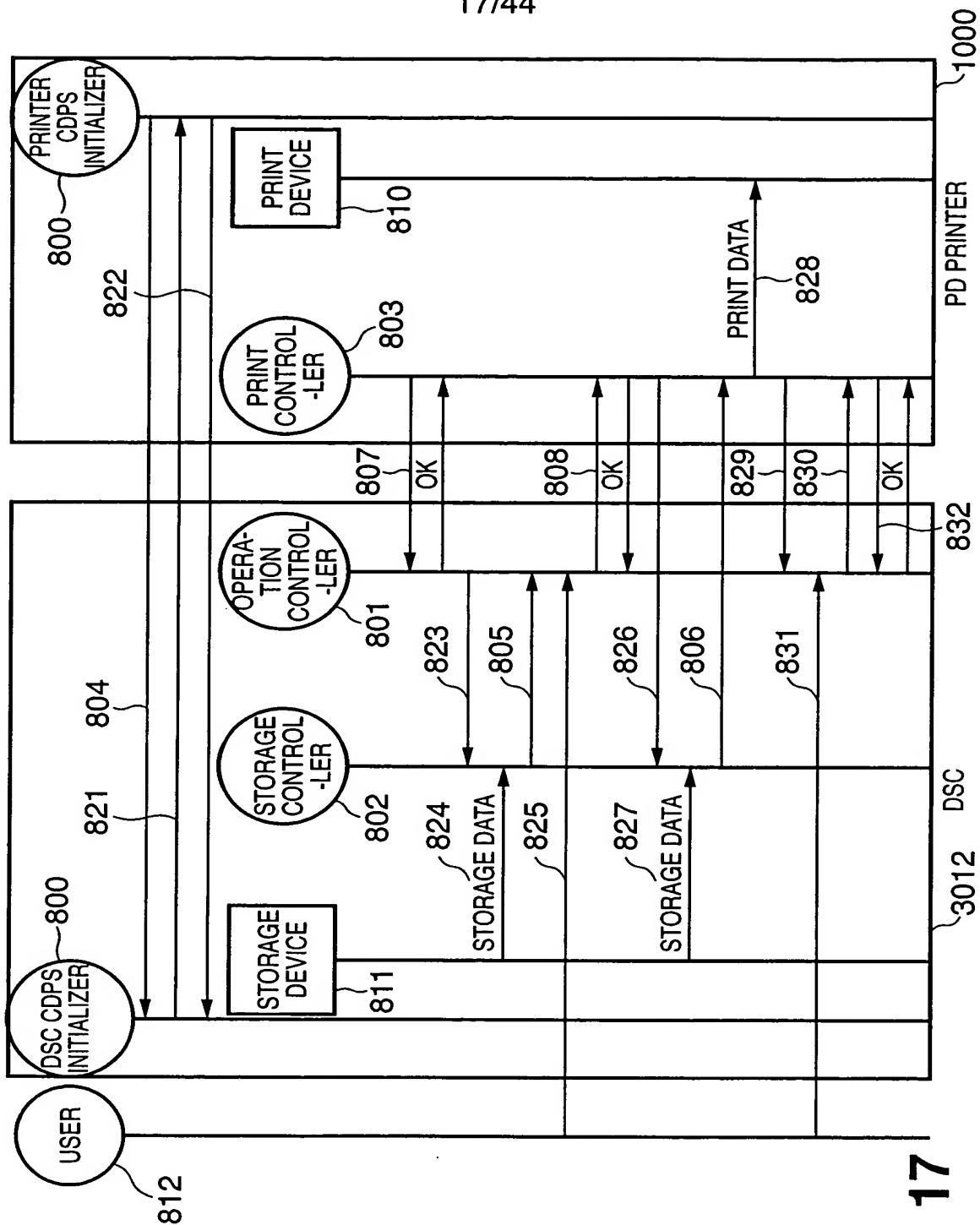


FIG. 17

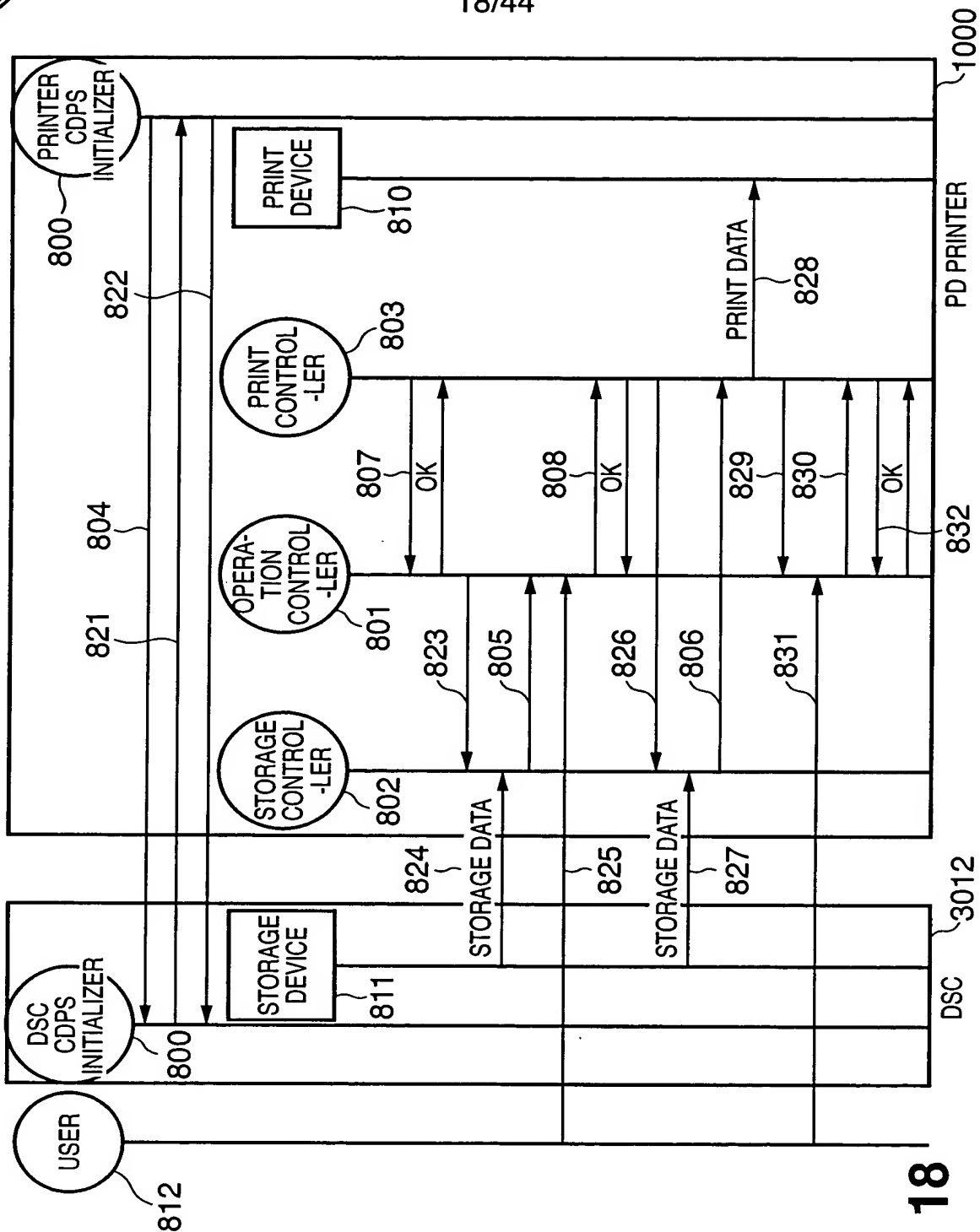


FIG. 18





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FIG. 19

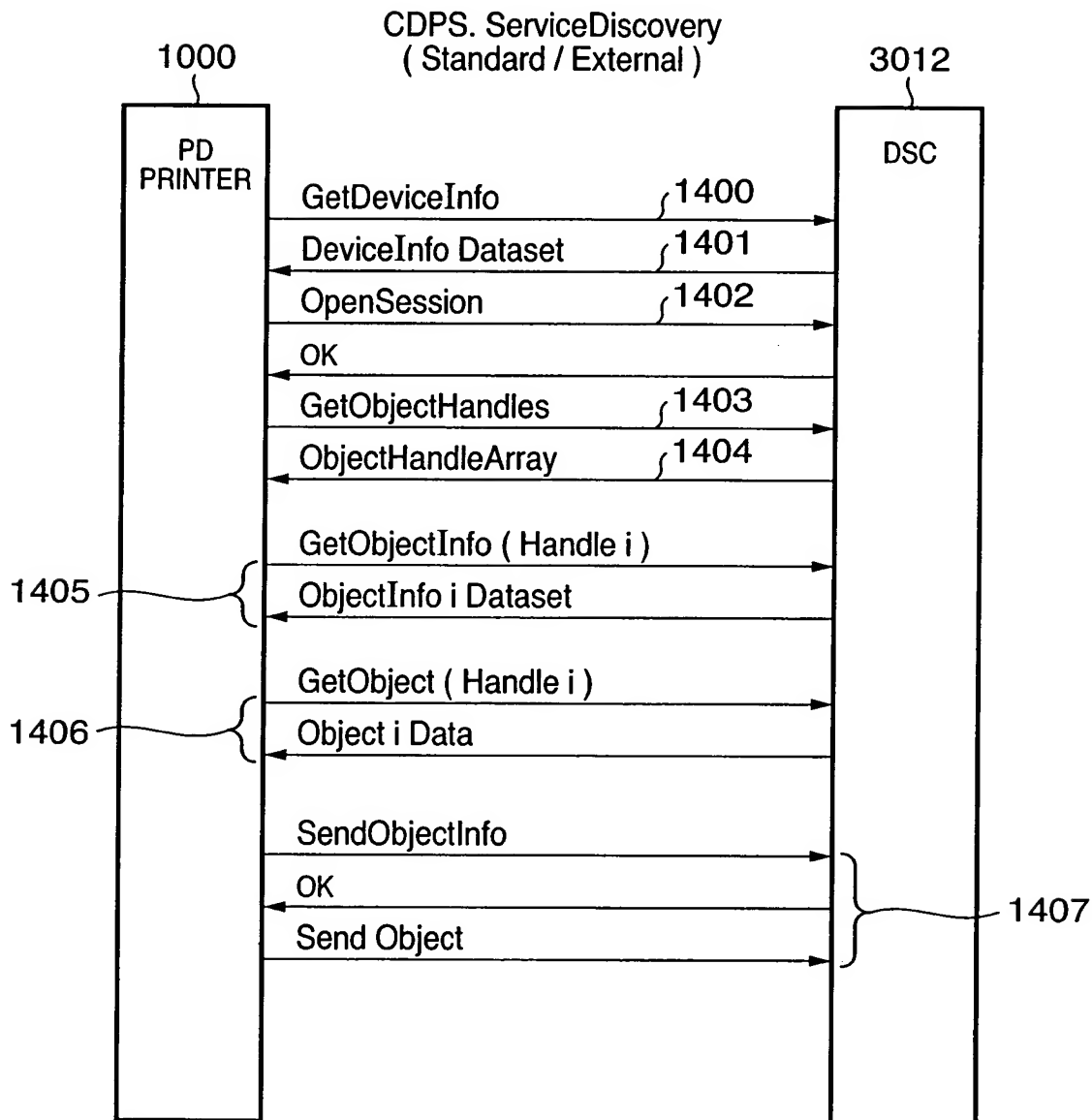




FIG. 20

CDPS_Service Discovery (STANDARD / EXTENSION)

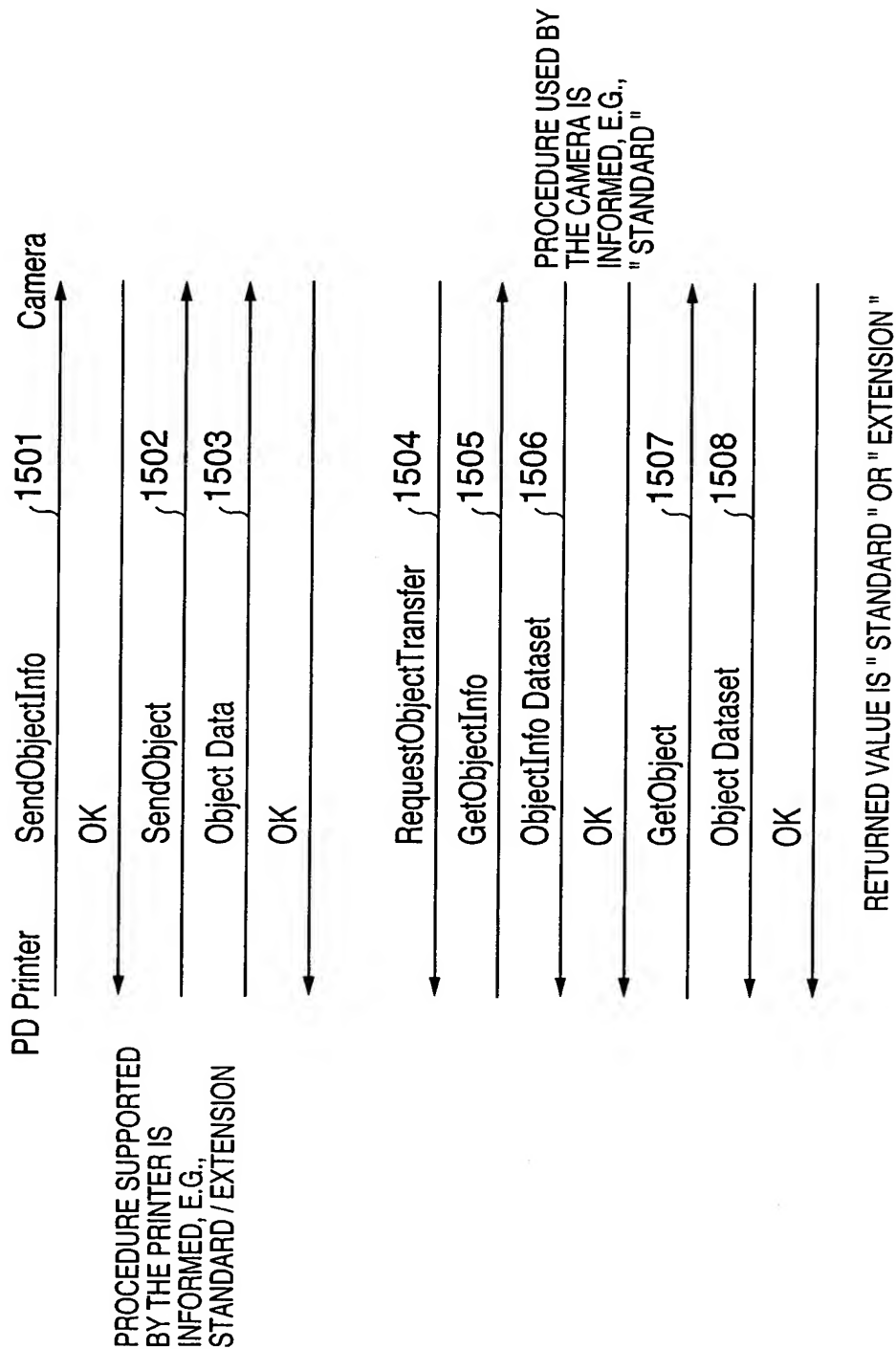




FIG. 21

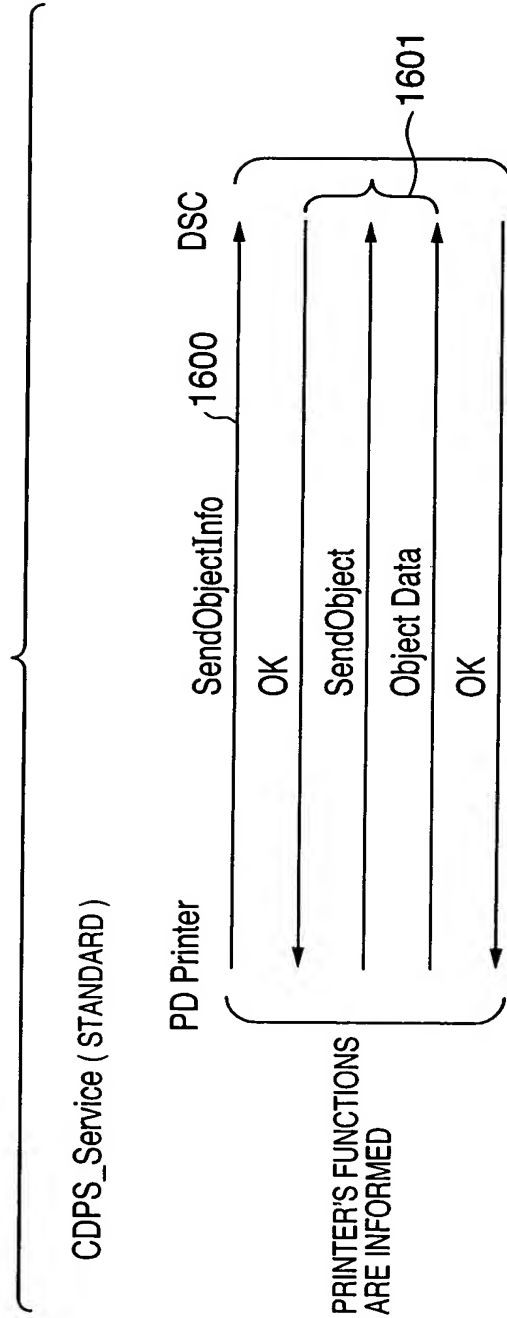




FIG. 22

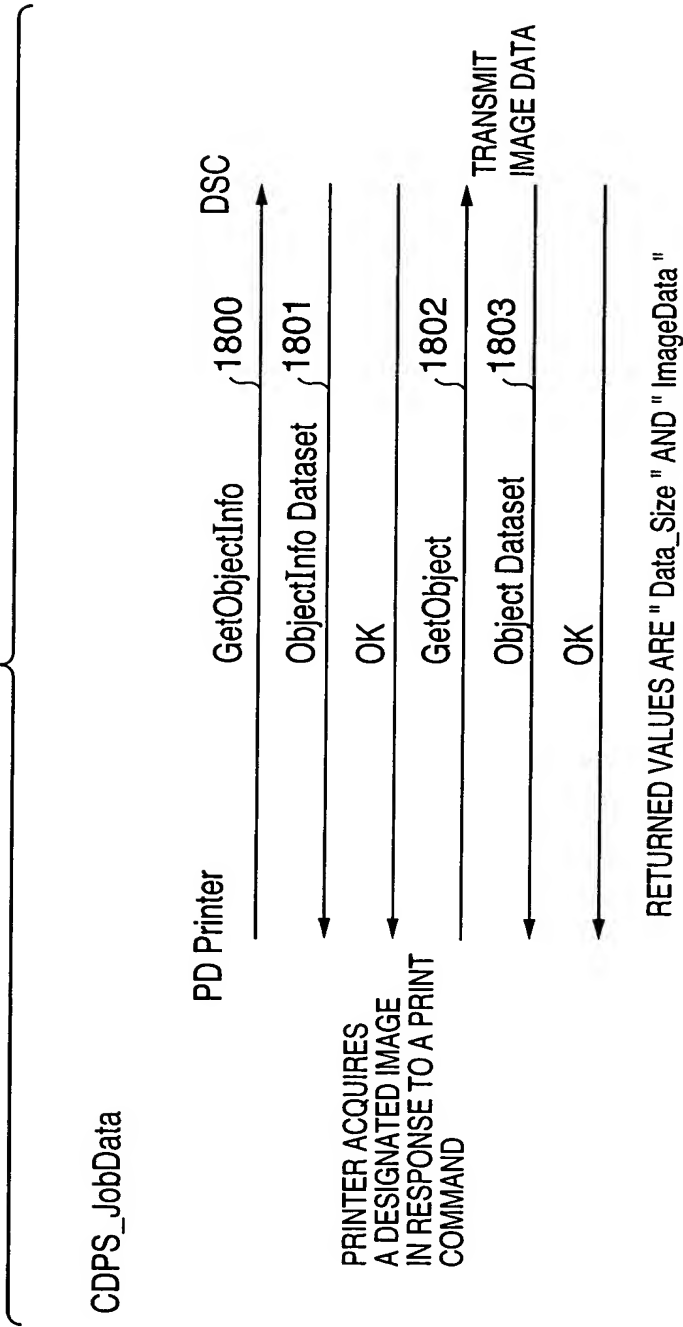




FIG. 23

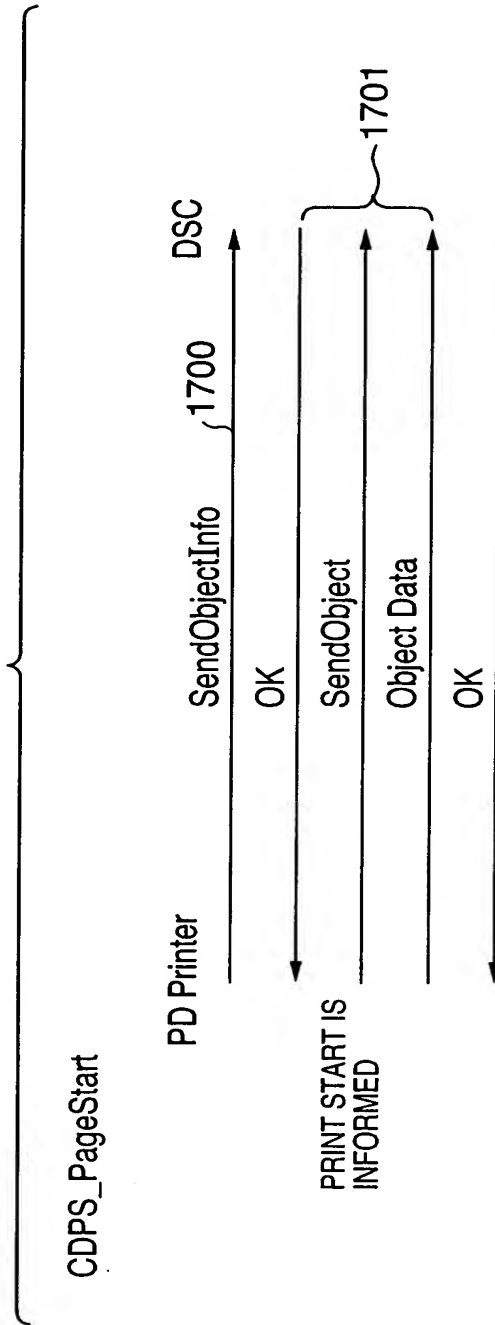




FIG. 24

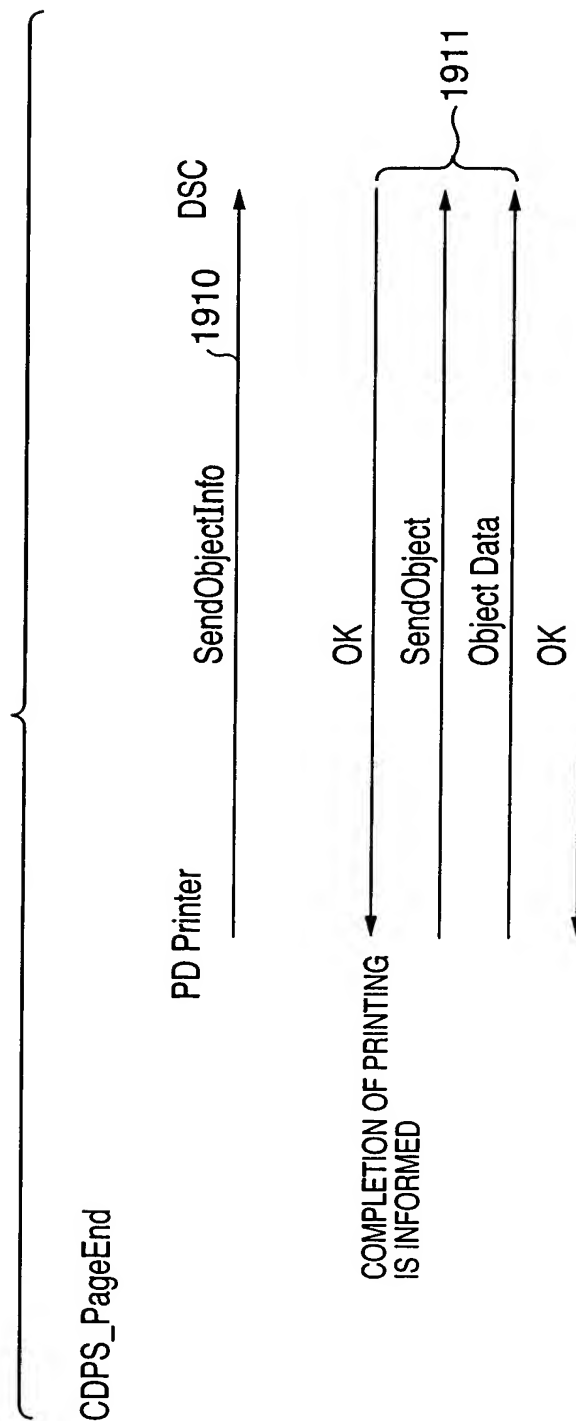




FIG. 25

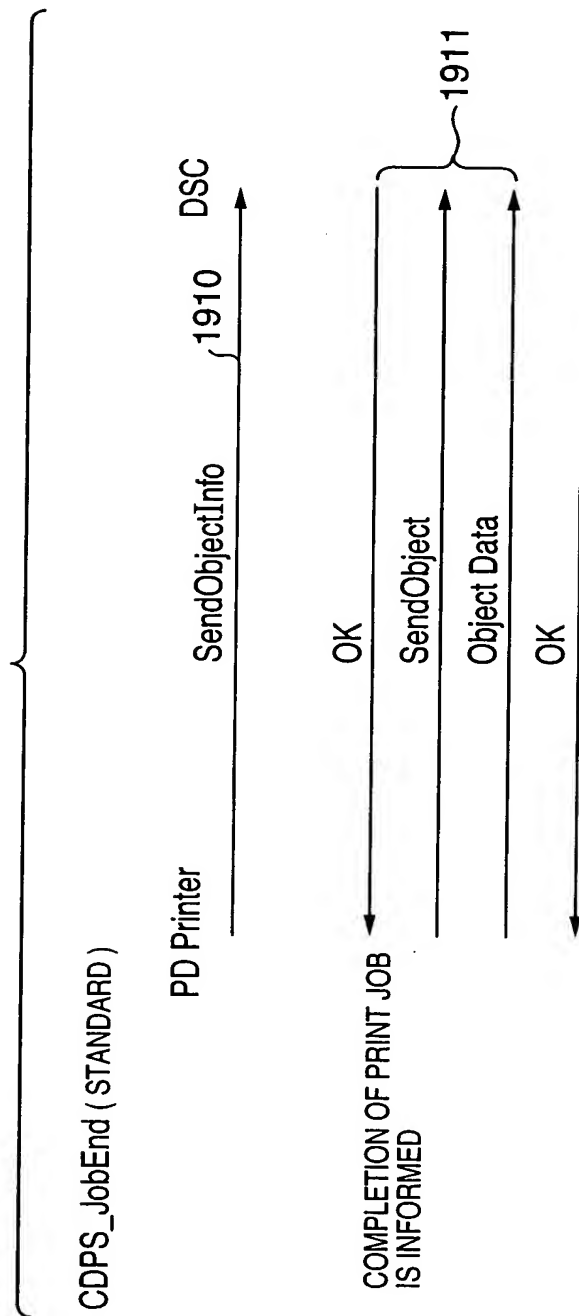
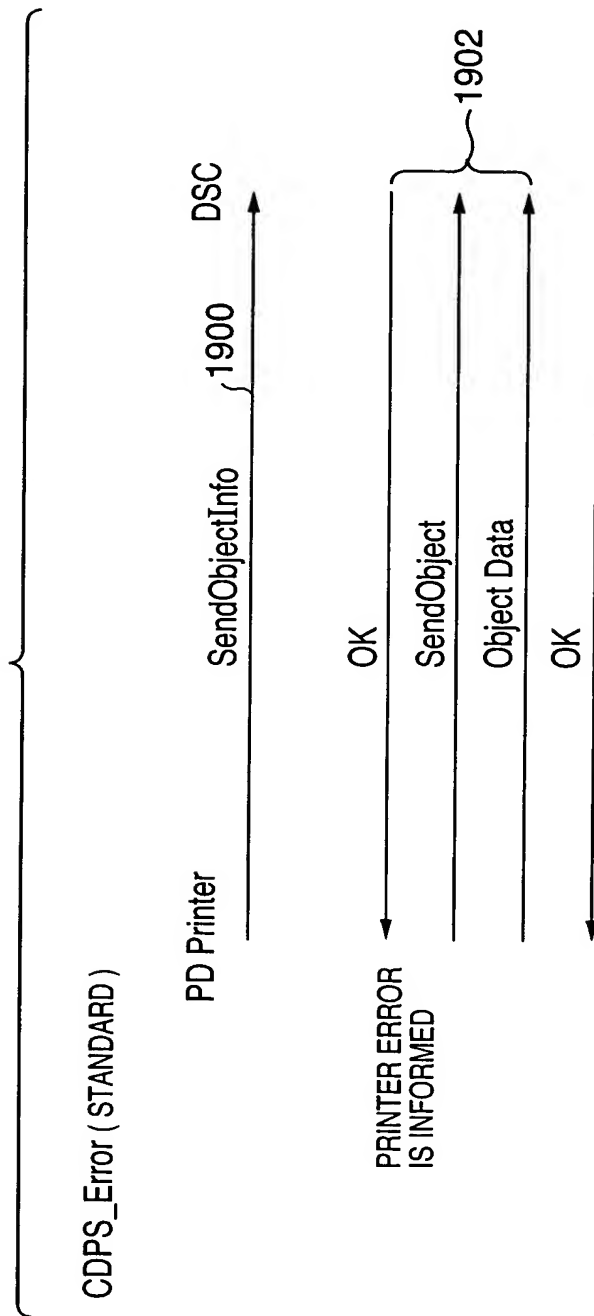




FIG. 26





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FIG. 27

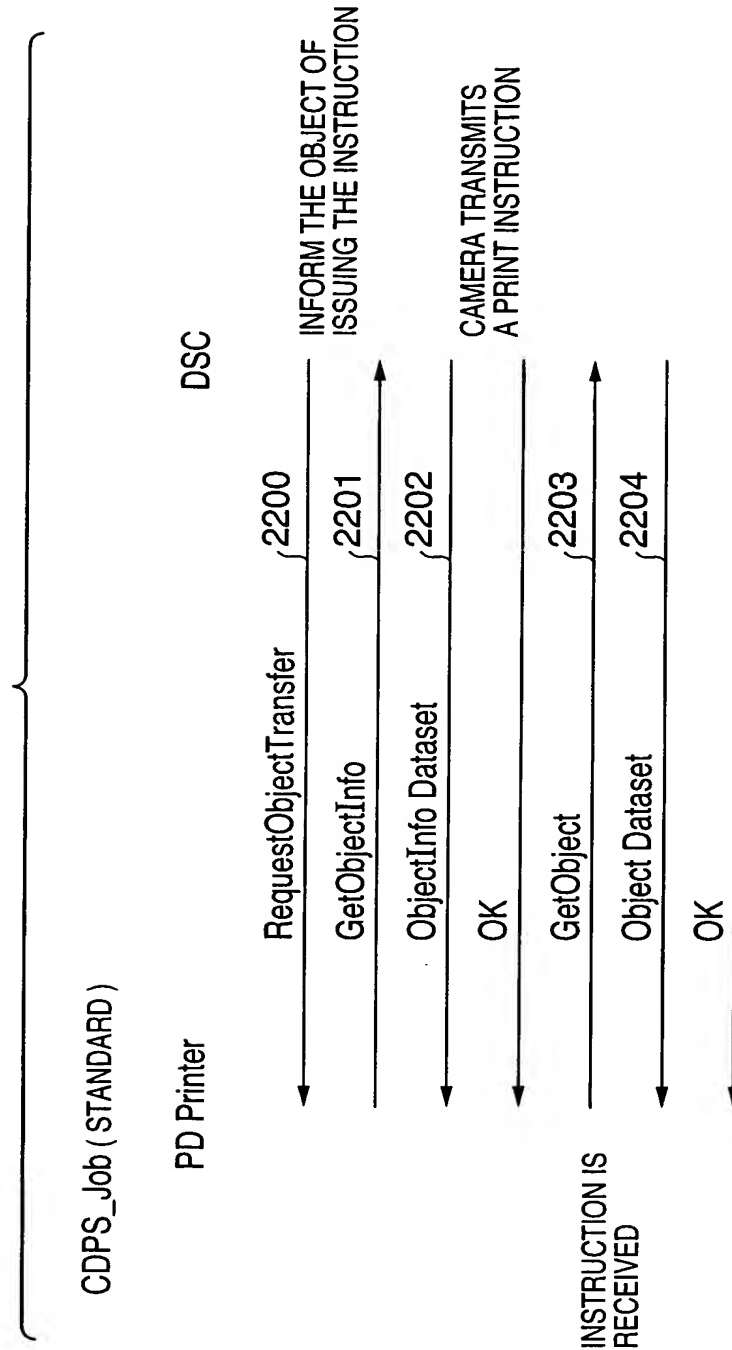




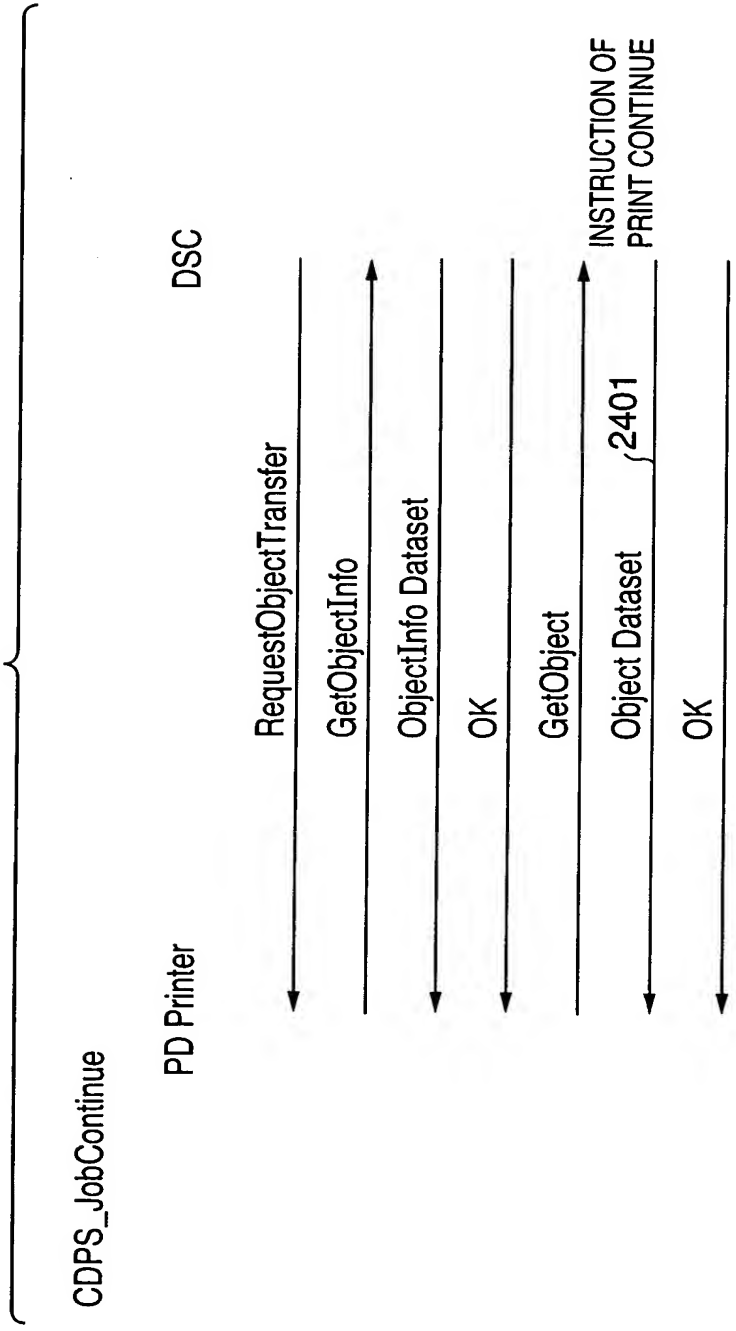
FIG. 28





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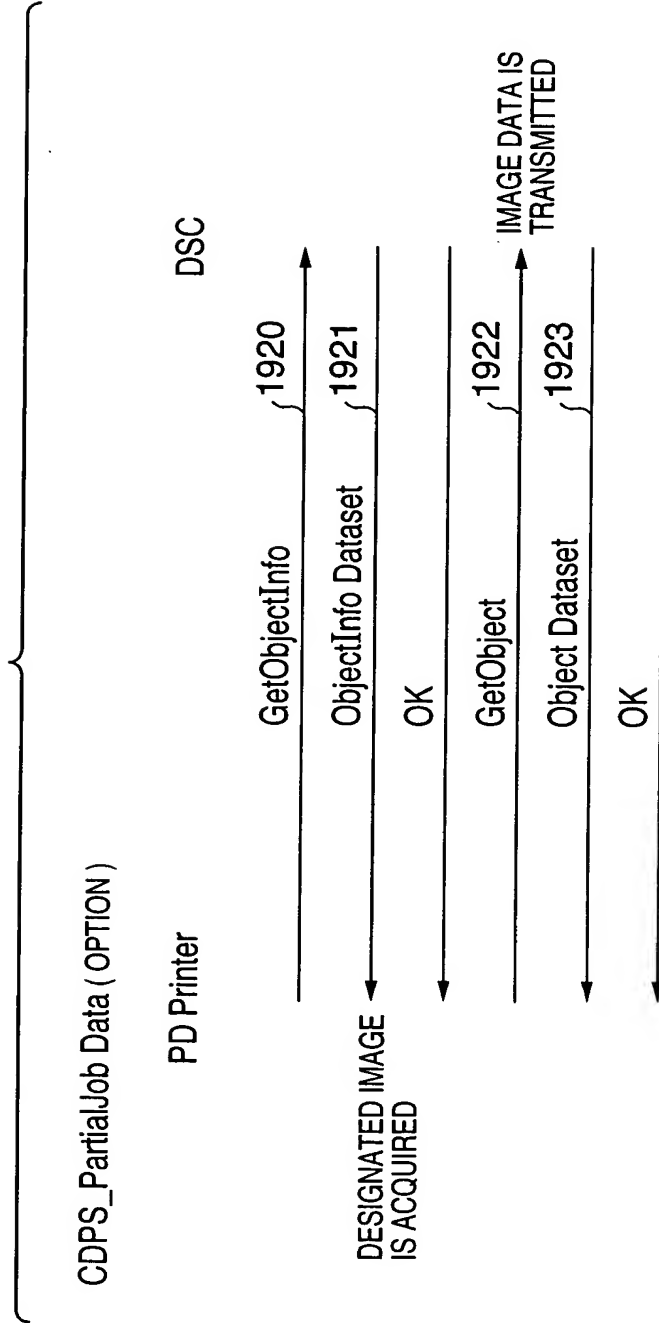
FIG. 29





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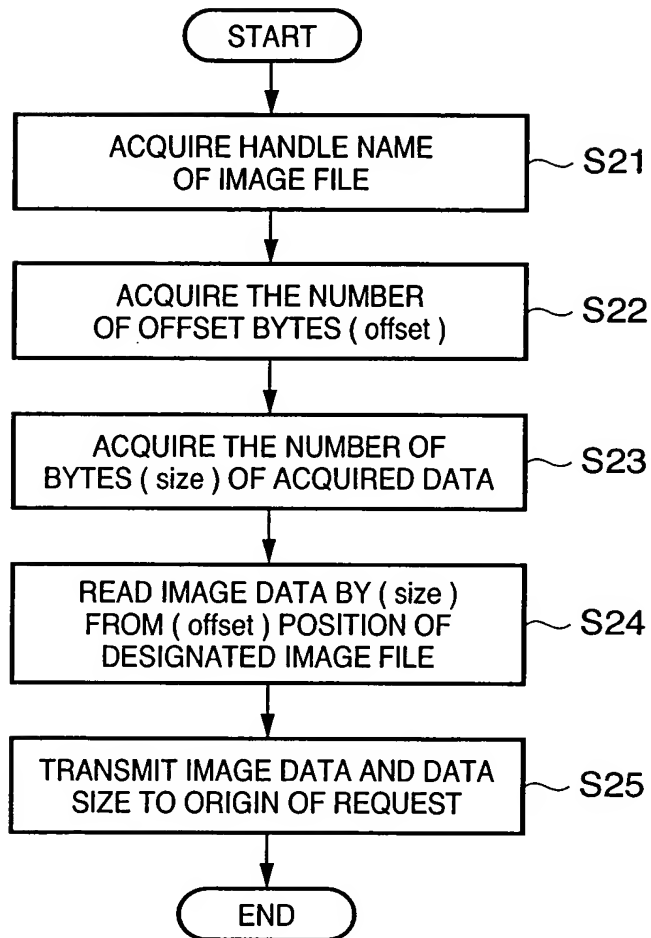
FIG. 30





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FIG. 31

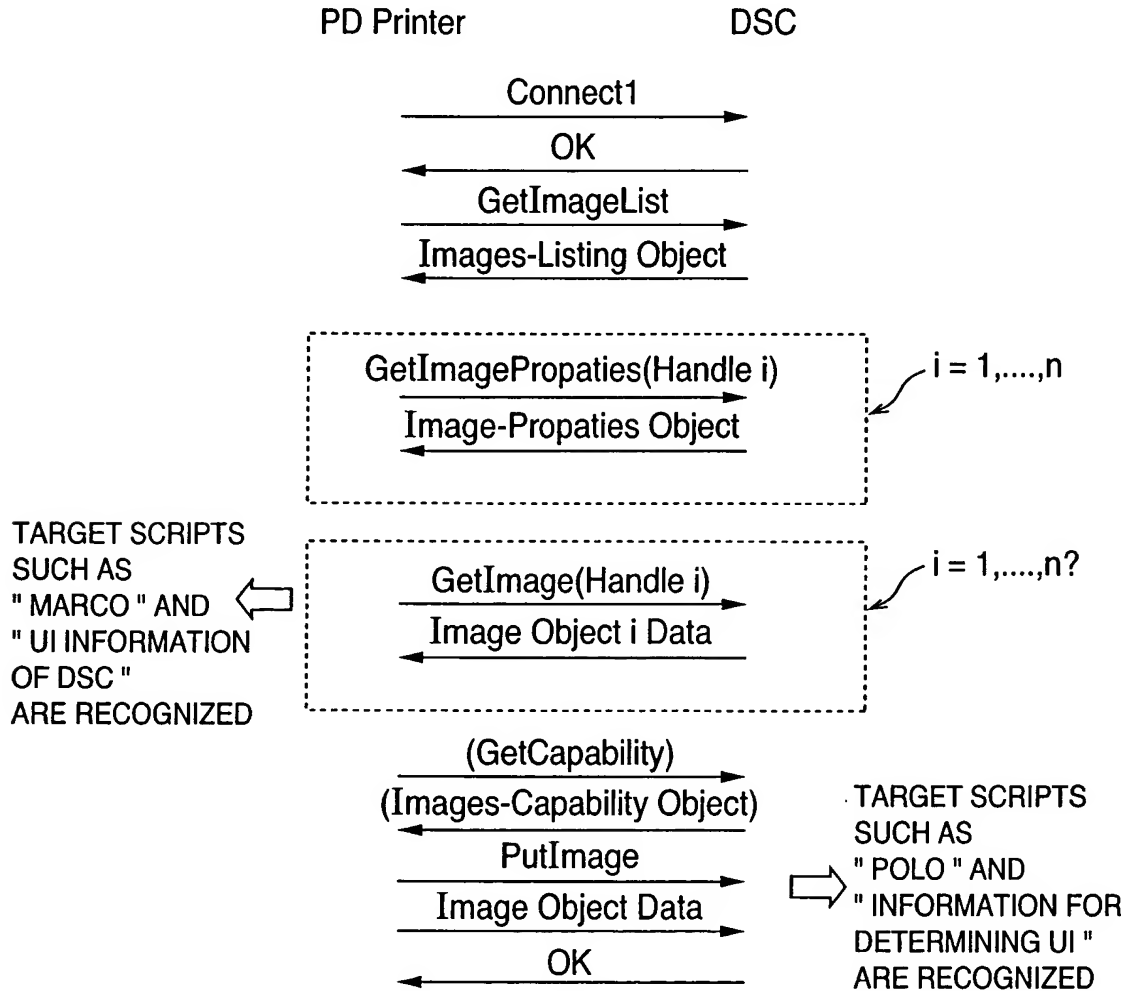




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FIG. 32

CDPS_ServiceDiscovery (Standard /Extend)

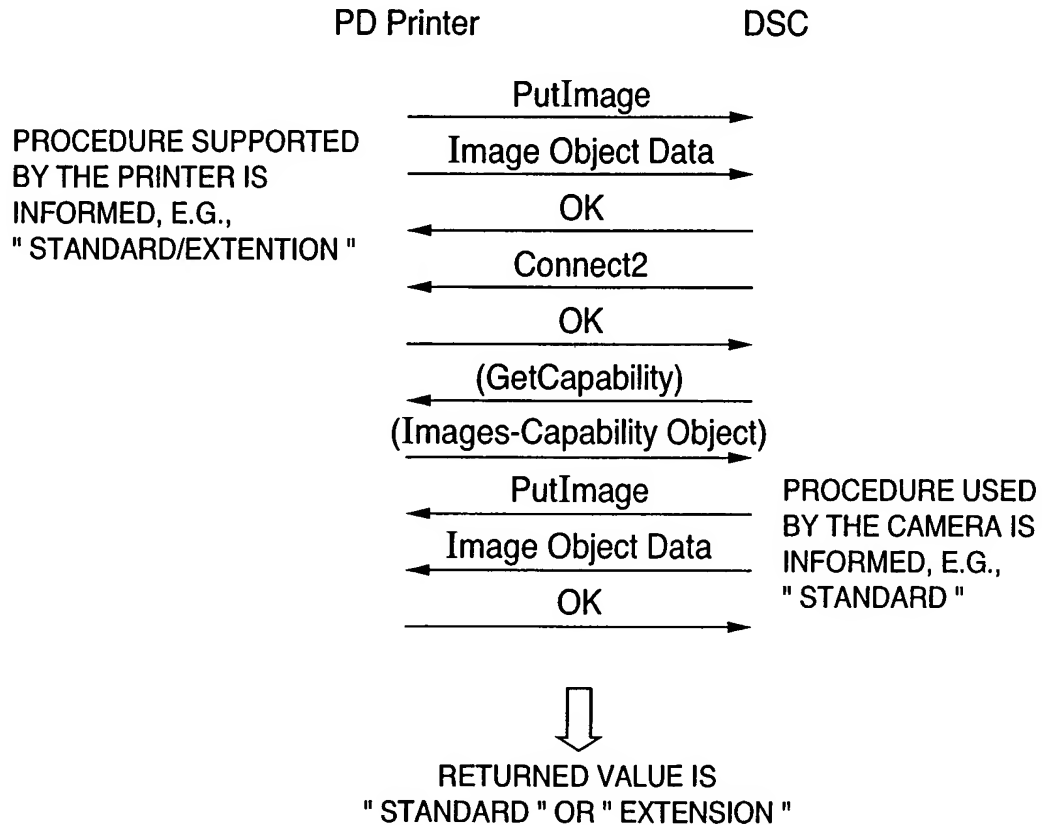




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FIG. 33

CONTINUATION OF CDPS_ServiceDiscovery
(Standard / Extend)





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FIG. 34

CDPS_Service (Standard)

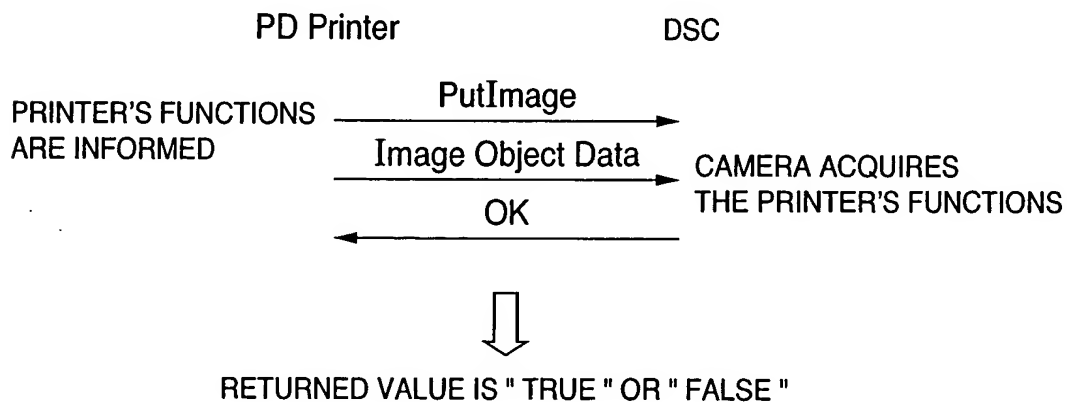
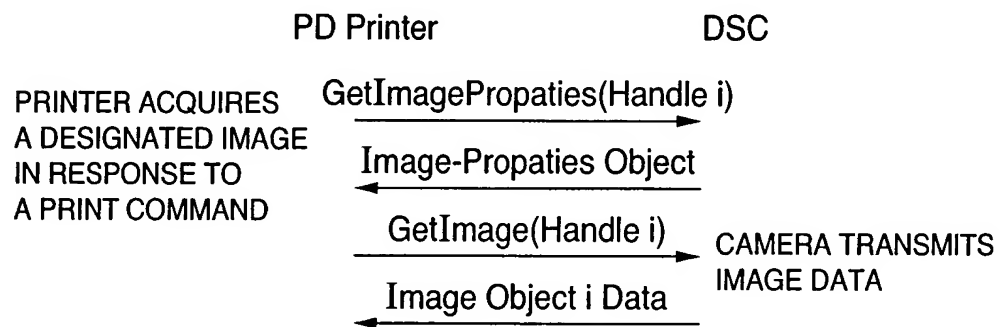




FIG. 35

CDPS_JobData (Standard)

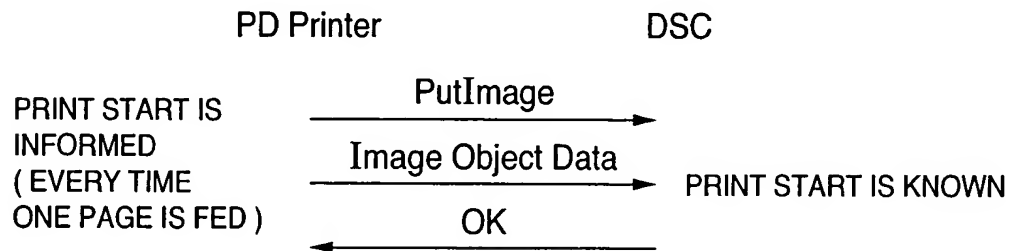


RETURNED VALUE IS
" Data Size " OR " Image Data "



FIG. 36

CDPS_PageStart (Standard)



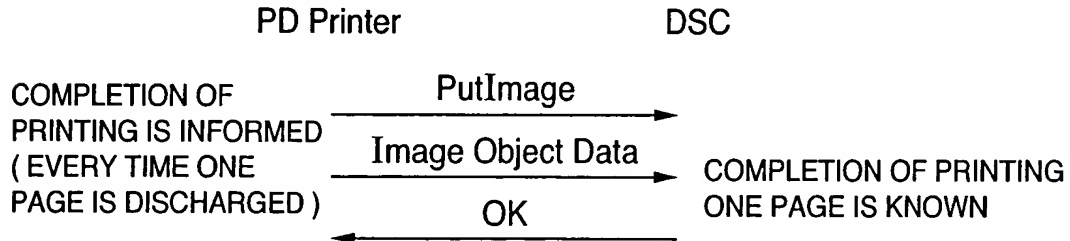
RETURNED VALUE IS " TRUE " OR " FALSE "



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FIG. 37

CDPS_PageEnd (Standard)

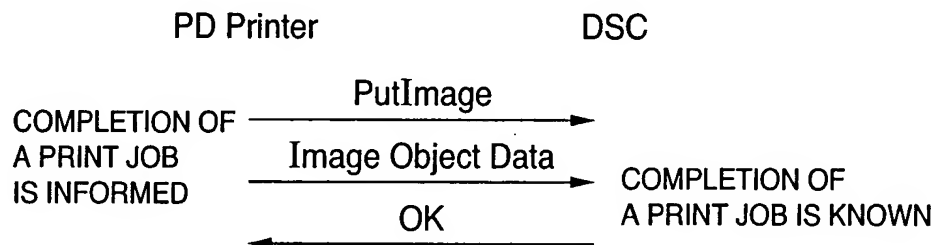


RETURNED VALUE IS " TRUE " OR " FALSE "



FIG. 38

CDPS_JobEnd (Standard)



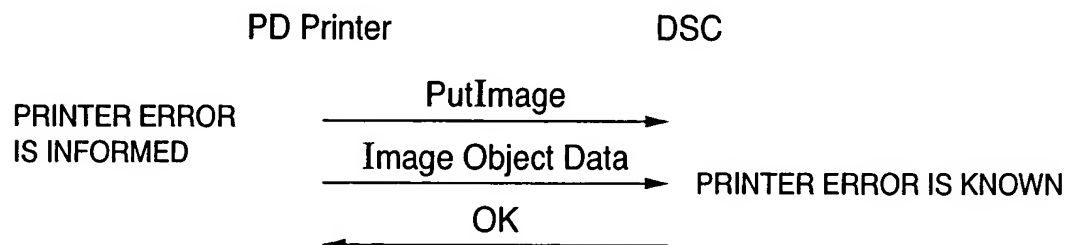
RETURNED VALUE IS " TRUE " OR " FALSE "



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F I G. 39

CDPS_Error (Standard)

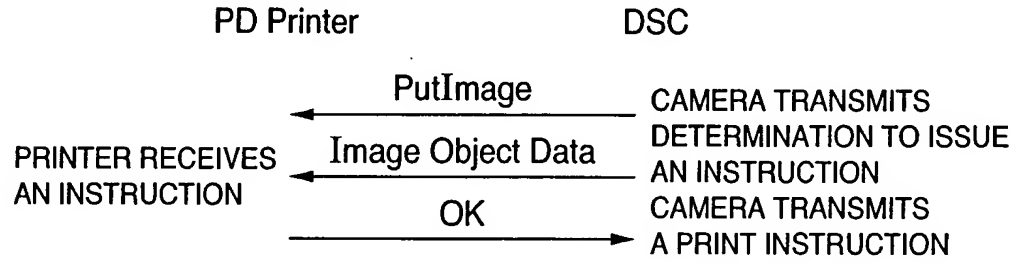


RETURNED VALUE IS " TRUE " OR " FALSE "



FIG. 40

CDPS_Job (Standard)

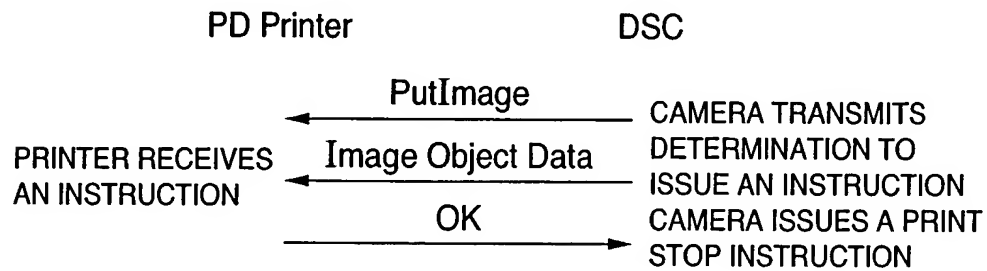


RETURNED VALUE IS " TRUE " OR " FALSE "



FIG. 41

CDPS_JobAbort (Standard)



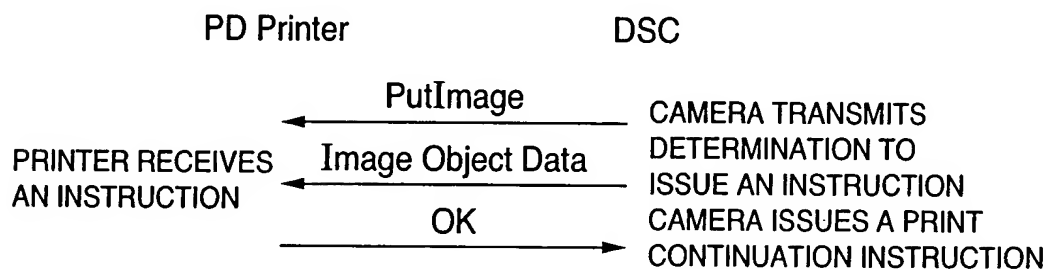
RETURNED VALUE IS " TRUE " OR " FALSE "



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FIG. 42

CDPS_JobContinue (Standard)

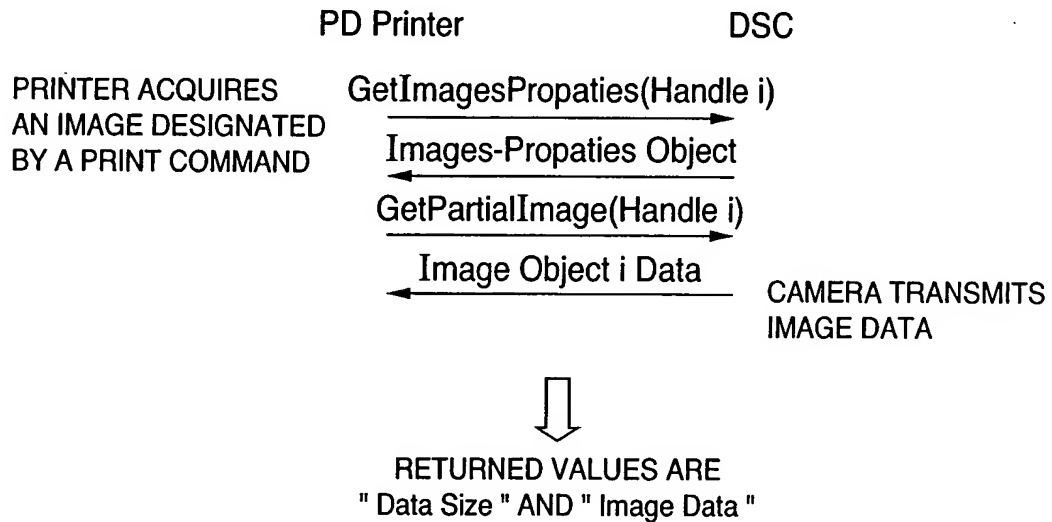


RETURNED VALUE IS " TRUE " OR " FALSE "



FIG. 43

CDPS_PartialJobData (Option)





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FIG. 44A

SUPPORTED LEVELS
BY OPERATION CONTROLLER

4	Use DSC's
3	Viewer & Button
2	Button
1	Minimum
0	No Support

FIG. 44B

SUPPORTED LEVELS
BY STORAGE CONTROLLER

4	Use DSC's
3	Handle
2	File System
1	Physical Access
0	No Support

FIG. 44C

SUPPORTED LEVELS
BY PRINT CONTROLLER

4	Use DSC's
3	Rendering
2	Halftoning
1	Encoding
0	No Support